MONTHLY CATALOG

REC
APR 5 196
DISCARD
NAVAL RESEARCH

UNITED STATES GOVERNMENT PUBLICATIONS

MARCH 1963

Entries 4322–5776

IMPORTANT NOTICE

American personal author entries now appear in the index to the Monthly Catalog beginning with the January 1963 issue. First author mentioned is used for joint author publications.

We hope this addition, which is undertaken on an experimental basis, can be continued within our resources, and that it will be of service to users of the Catalog.

DISTRIBUTION OF PUBLICATIONS

In ordering publications listed in this catalog, it should be noted that *only* those marked with an asterisk (*) are obtainable from the Superintendent of Documents.

Publications marked with a farad (Φ) are sold by the Office of Technical Services, Commerce Dept.

Where a single dagger (†) is the distribution symbol, application should be made directly to the department or bureau issuing the document.

The mailing address for all agencies listed in this catalog is Washington 25, D.C., unless otherwise indicated.

* For sale by SUPERINTENDENT OF DOCUMENTS

Φ For sale by Office of Technical Services, Commerce Dept.

† Distribution made by Issuing Office. Not definitely available if unaccompanied by a price

‡ Printed for Official Use (not available for distribution)

• Sent to Depository Libraries

MONTHLY CATALOG

OF UNITED STATES GOVERNMENT PUBLICATIONS

MARCH 1963 Number 818

Entries 4322–5776

Issued by the SUPERINTENDENT OF DOCUMENTS

UNITED STATES GOVERNMENT PRINTING OFFICE, WASHINGTON 25, D.C.: 1963

L.C. Card 4–18088

FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON 25, D.C., PRICE 50 CENTS PER COPY EXCEPT DECEMBER (INDEX) ISSUE, WHICH VARIES IN PRICE
SUBSCRIPTION PRICE $4 50 PER YEAR (INCLUDING INDEX)
$1.50 ADDITIONAL FOR FOREIGN MAILING

PREVIEWS

The following publications are in the process of being printed. Advance sales orders may be placed for these publications. Orders will be scheduled and copies mailed as soon as stocks are received. It is not possible to estimate the lapse of time before the publications will actually appear. All information in regard to title, series, classification, distribution, and price given in these listings, is preliminary and subject to change when the publications actually come from the press. Those so marked will be sent to depository libraries, providing, that at the time of going to press, the libraries were on list to receive the items under which these publications will be distributed.

Aerodynamics of space vehicles. (National Aeronautics and Space Administration, NASA SP-23.) 40c. NAS 1.21 : 23

Alcohol and tobacco, summary statistics, fiscal year 1962. (Internal Revenue Service, Publication 67 (1962).) 50c. ● T 22.43 : 962

American practical navigator. [1962 edition.] (Naval Hydrographic Office, H.O. publication 9.) $7.00. ● D 203.22 : 9/962

Annual report of Civil Aeronautics Board, 1962. $1.25. ● C 31.201 : 962

Aztec Ruins National Monument. (National Park Service, Historical handbook 36.) 30c. ● I 29.58 : 36

Civil War naval chronology, 1861–65, part 3, 1863. (Naval Operations Office.) $1.00. ● D 207.2 : C 49/pt.3

Customs Court reports, vol. 48, cases adjudged in Customs Court, Jan.–June 1962. $3.25. ● Ju 9.5 : 48

Explorer XVI. (National Aeronautics and Space Administration, NASA facts no. A–1–63.) 10c. ● NAS 1.20 : A–1–63

Federal Aviation Agency, 4th annual report to the President and Congress, fiscal year 1962. 40c. ● FAA 1.1 : 962

Fundamental nuclear energy research, 1962. (Atomic Energy Commission.) $2.50. ● Y 3.At 7 : 48/962

House fly, how to control it. (Agriculture Department, Leaflet 390, revised.) 5c. ● A 1.35 : 390/5

Housing for migrant agricultural workers, labor camp standards. (Labor Standards Bureau, Bulletin 235, revised.) 50c. ● L 16.3 : 235/2

If you become disabled. (Social Security Administration, OASI–29, revised.) 10c. ● FS 3.35 : 29/10

Introduction to acoustical space-time information processing. (Naval Research Office, ACR–63.) $1.25. ● D 210.15 : ACR–63

Know your soil. (Agriculture Department, Agriculture information bulletin 267.) 15c. ● A 1.75 : 267

Lightning protection for the farm. (Agriculture Department, Farmers' bulletin 2136, slightly revised.) 10c. ● A 1.9 : 2136/2

Making household fabrics flame resistant. (Agriculture Department, Leaflet 454, revised.) 5c. ● A 1.35 : 454/2

Manpower for medical research, requirements and resources, 1965–70. (National Institutes of Health, Resources for medical research report no. 3.) 55c. ● FS 2.22/33 : 3

Organization of Federal Government for scientific activities. (National Science Foundation.) $3.50. ● NAS 1.2 : G 74/2

Plasma physics and magnetohydrodynamics in space exploration. (National Aeronautics and Space Administration, NASA SP–25.) 50c. NAS 1.21 : 25

Plastic, agglutinating, and free-swelling properties of American coals. (Mines Bureau, Bulletin 610.) 50c. ● I 28.3 : 610

Prices, chartbook, 1953–62. (Labor Statistics Bureau, Bulletin 1351.) [Also issued as H. doc. 614, 87th Cong., 2d sess.] $1.50. ● L 2.3 : 1351

Red China and U.S.S.R. (State Department, General foreign policy series 186.) 25c. ● S 1.71 : 186

Selecting and growing house plants. (Agriculture Department, Home and garden bulletin 82, revised.) 15c. ● A 1.77 : 82/2

Space science and technology books, 1957–61, bibliography with contents noted. (Library of Congress.) $1.00. ● L 33.2 : Sp 1

Studies in comparative education, Soviet training programs for Africa. (Education Office, OE–14079, Bulletin 1963, no. 9.) 15c. ● FS 5.214 : 14079

Suggested techniques for determining courses of study. (Education Office, OE–80018, Circular 694.) 25c. ● FS 5.280 : 80018

Survey of university business and economic research projects, 1959–63. (Small Business Administration.) $3.75. ● SBA 1.2 : R 31/959–63

Technology in American education, 1650–1900. (Education Office, OE–34018.) 25c. ● FS 5.234 : 34018

Tips for city and suburban dwellers, soil conservation at home. (Agriculture Department, Agriculture information bulletin 244, slightly revised.) 20c. ● A 1.75 : 244/2

United States standard atmosphere, 1962. (National Aeronautics and Space Administration.) $3.50. ● NAS 1.2 : At 6/962

World of space. (National Aeronautics and Space Administration, Aerospace leaflet A–1–63.) 15c. ● NAS 1.23 : A–1–63

Your Department of State. (State Department, Publication 7443, Department and foreign service series 109.) 15c. ● S 1.69 : 109

Contents

	Page
Previews	III
Abbreviations, Explanation	VI
General Information	VII
How To Order Publications	VIII
New Classification Numbers	IX
Corrections for Previous Monthly Catalogs	X
Classified List of Government Authors	XI
Monthly Catalog	1
Index	91

Abbreviations

add	addition, addendum, addenda.
amdt., amdts	amendment, amendments.
app	appendix, appendixes.
bk., bks	book, books.
chap	chapter, chapters.
Cong	Congress.
Dept	Department.
doc	document.
8°	octavo.
f°	folio.
facsim	facsimile, facsimiles.
4°	quarto.
G.H.A	Greenwich hour angle.
H	House.
H. Con. Res	House concurrent resolution.
H. doc	House document.
H. ex. doc	House executive document.
H. J. Res	House joint resolution.
H. R	House of Representatives, House bill.
H. Res	House resolution.
H. rp	House report.
il	illustration, illustrations.
in	inch, inches.
lat	latitude.
long	longitude.
m	mile.
MRC	Mississippi River Commission.
n. d	no date.
n. p	no place.
no., nos	number, numbers.
p	page, pages.
p. of pl	pages of plate.
par., pars	paragraph, paragraphs.
pl	plate, plates.
por	portrait, portraits.
pt., pts	part, parts.
rp	report.
S	Senate, Senate bill.
S. Con. Res	Senate concurrent resolution.
S. doc	Senate document.
S. ex. doc	Senate executive document.
S. ex. rp	Senate executive report.
S. J. Res	Senate joint resolution.
S. Res	Senate resolution.
S. rp	Senate report.
sec	section, sections.
sess	session, sessions.
16°	sixteenmo.
Stat. L	Statutes at large.
supp	supplement.
tab	table, tables.
32°	thirty-twomo.
Treas	Treasury.
12°	twelvemo.
24°	twenty-fourmo.
v	volume, volumes.
vs., *v*	versus.

Common abbreviations for the names of States, months, etc., are also used.

Explanation

The individual issuing department, bureau, office, or agency is considered the publisher of Government publications.

Words and figures enclosed in brackets [ ] are given for information, but do not appear on the title pages of the publications cataloged. Place and printer are not given for publications printed at the United States Government Printing Office, Washington, D.C. Size is not given for octavo publications. Size of maps is approximate, measurement being made from outer edge of border, excluding margin. The dates given with Senate and House documents and reports are the dates on which they were ordered to be printed. Usually the printing promptly follows the ordering, but various causes sometimes make delays.

The word "processed" as used in this catalog indicates publications which are reproduced by duplicating processes other than ordinary printing, e.g., mimeograph, multigraph, planograph, rotaprint, multilith. Processed publications are not obtainable from the Superintendent of Documents. Requests for them, if they are available, should be addressed to the issuing office or to the Office of Technical Services, as indicated by the distribution symbol.

Under provisions of the Printing Act of January 12, 1895, all Government publications are entered in the Monthly Catalog. However, administrative and confidential (or restricted) publications are omitted.

The L.C. card number appended to some of the entries is for those libraries ordering printed cards from the Library of Congress. The number at the extreme right of an entry indicates the classification of the publication in the Office of the Superintendent of Documents.

General Information

The Superintendent of Documents, Government Printing Office, Washington, D.C., is authorized by law to sell copies of Government publications and to allow a discount of 25 percent to book dealers and also to quantity purchasers of 100 or more copies of a single publication on condition that they will adhere to the public sales price set by the Superintendent of Documents and that publications shall not be overprinted with any advertising matter.

Publications cannot be supplied free to individuals nor forwarded in advance of payment.

PRICE LIST

There is no general price list of public documents, but numerous lists have been prepared on special subjects and any of these will be furnished free, on application, by subject or subjects concerning which information is desired. It will also be noted that current publications which are for sale are listed in this catalog.

LIST OF SELECTED PUBLICATIONS

In addition to the price lists, the Documents Office issues a biweekly list of Selected United States Government publications for sale by the Superintendent of Documents. Each list is arranged alphabetically by subjects, with annotations and prices, and may be obtained free upon application to the Superintendent of Documents.

CONGRESSIONAL BILLS, DOCUMENTS, AND REPORTS

More than 12,000 different bills are usually introduced during a Congress, and there are additional prints on many during the progress of the legislation. With the exception of a very few—such as revenue bills—the demand is an unknown quantity and on most of them we receive no orders, which makes it impossible to print a sales supply. It may be that a copy could be obtained from your Congressman.

A difficult problem is also presented in providing a supply of congressional documents, hearings, and reports because there are approximately 6,000 of this class of publications issued during a Congress and only a few of them are called for. We will attempt to print for sale a few of the more important ones, but if not priced the only possible source would be from your Congressman.

HOW TO ORDER PUBLICATIONS

Publications entered in this catalog that are for sale by the Superintendent of Documents are indicated by an asterisk (*) preceding the price. Those for sale by the Office of Technical Services, Commerce Department, are indicated by a farad (Φ) preceding the price. A black dot (●) indicates that the publication has been or will be sent to depository libraries. A dagger (†) indicates that application should be made to the department, bureau, or agency issuing the document. A double dagger (‡) indicates that the document is printed for official use and is not obtainable. Whenever additional information concerning the method of procuring a document seems necessary, it will be found under the name of the bureau by which it was published.

In ordering a publication from the Superintendent of Documents, give (if known) the name of the publishing department, bureau, or agency, and the title, together with the classification number which is added to the entry at the extreme right; order the congressional documents and reports by the title, together with the document or report number and the Congress, e.g., H. doc. 108, 82d Congress.

Do not use the L.C. card number in ordering a publication from the Superintendent of Documents.

HOW TO REMIT

Remittances for documents marked with an asterisk (*) should be made to the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., by coupon, postal money order, express order, or check. Publications cannot be mailed in advance of receipt of remittance. Currency may be sent at sender's risk. Foreign remittances should be made either by international money order or draft on an American bank.

Foreign money, defaced or smooth coins, will not be accepted. Do not send postage stamps.

For the convenience of the general public, coupons in the denomination of 5c that are good until used in exchange for Government publications sold by the Superintendent of Documents, may be purchased from this office. Address order to Superintendent of Documents, Government Printing Office, Washington 25, D.C.

Persons who make frequent purchases from the Superintendent of Documents may find a deposit account convenient. Deposits of $25.00 or more are accepted against which orders may be placed without making individual remittances or first obtaining quotations. Order blanks are furnished for this purpose. After the handling of the order has been completed, it will be returned showing the publications supplied, explanations regarding those not sent, the amount of charge, and the balance on deposit.

No charge is made for postage on documents forwarded to points in United States and possessions, or to Canada, Cuba, Mexico, and certain Central and South American countries. To other countries the regular rate of postage is charged, and remittances must cover such postage. In computing foreign postage, add one-fourth of the price of the publication.

LIBRARY CLASSIFICATION IN DOCUMENTS OFFICE

The classification given at the right of entries for departmental publications is that used in the Library of the Division of Public Documents. It is also used as a catalog number for sales stock of this office. The shilling mark (/) separates what would ordinarily be superior or inferior numbers or letters, as it is not practicable to print these numbers or letters as superiors or inferiors in the Monthly Catalog.

New Classification Numbers

	Statistical Reporting Service.
A 92.19/6 : date	Seed crops, certified seed potato report (annual).
	NOTE.—Designated Pot 3. See, for earlier class, A 88.30/6 : (date)
A 92.35 : CT	Bibliographies and lists of publications.
	Economic Research Service.
A 93.15/a : CT	Livestock and meat situation (separates).
	Arms Control and Disarmament Agency.
AC 1.12 : CT	Addresses.
	Census Bureau.
C 3.224/7 : date/pt.nos	Census of housing : Residential finance.
	International Commerce Bureau.
C 42.19 : CT	Reports of United States trade missions.
C 42.20/2 : CT	Market for U.S. products [by country].
	Area Redevelopment Administration.
C 46.18 : CT	Bibliographies and lists of publications.
	Civil Defense Office.
D 13.8/7 : nos	Instructor's guide IG (series).
	NOTE.—See, for earlier class, PrEx 4.12/5 : (nos.).
	Adjutant General's Office (Army).
D 102.28/3 : nos	Selected current acquisitions, lists.
	Engineers Corps (Army).
D 103.4 : nos	Circulars.
	Health, Education, and Welfare Department.
FS 1.13/5 : nos	Facts on aging.
	National Institutes of Health.
FS 2.22/37 : date	Proceedings, annual conference of Model Reporting Area for Blindness Statistics.
	Public Health Service.
FS 2.99 : nos	Health economics series.
	Mines Bureau.
I 28.63/2 : date	Sulfur (annual).
	NOTE.—Statistics formerly included in Mineral market reports series, I 28.28 : (nos.).
I 28.73/2 : date	Tungsten (annual).
	Fish and Wildlife Service.
I 49.54 : nos	Educational aids.
	Labor Statistics Bureau.
L 2.88 : CT	Income, education, and unemployment in neighborhoods [by city].
	Women's Bureau.
L 13.22 ; CT	Women workers in [various States].
	National Aeronautics and Space Administration.
NAS 1.9/4 : v.nos.& nos	Scientific and technical aerospace reports, semimonthly abstract journal with indexes.
	NOTE.—Replaces Technical publications announcements, volume 2 (NAS 1.9/3 :).
	International Development Agency.
S 18.8 : CT	Handbooks, manuals, guides.

Corrections for Previous Monthly Catalogs

Jan. 1960. Entry 737, Navajo yearbook [fiscal year] 1957. Correct class to read I 20.44 : 6.

Mar. 1960. Entry 3939, Navajo yearbook, published annually as manual and program planning guide, fiscal year 1958. Correct class to read I 20.44 : 7.

Apr. 1962. Entry 7494, Saline water conversion demonstration plant: Webster, S. Dak. Correct class to read I 1.87/2 : W 39/962.

Sept. 1962. Entry 18117, Explanation of Manpower development and training act. Correct class to read L 1.2 : M 31/6/962.

Oct. 1962. Entry 18761, New Atomic Energy Commission research reports available from OTS. Correct class to read C 41.23/4 : At 7/962.

—— Entry 19478, FHA financing for home purchases and home improvements, guide to financing costs and home buying ability. Correct class to read HH 2.6/6 : H 75/3/962.

Dec. 1962. Entry 22952, Air Force manual AFM 50–40. The Aircraft recognition manual was inadvertently entered under the Air Force Department instead of Naval Weapons Bureau as the reference indicates.

—— Entry 22955, Aircraft recognition manual. This is a publication of the Naval Weapons Bureau and should have been entered under that agency.

—— Entry 22987, Field manual FM 30–30. The Aircraft recognition manual was inadvertently entered under the Air Force Department instead of Naval Weapons Bureau as the reference indicates.

—— Entry 23539, Fishery bulletin 210, Midwater trawling for forage organisms in central Pacific, 1951–56. Correct the paging to read iv+271–321, p. il. 4°

—— Entry 23540, Fishery bulletin 212, Gulf of Mexico commercial shrimp populations, trends and characteristics, 1956–59. Correct paging to read iv+343–402 p. il. 4°

—— Page 432, 1st column, following National securities exchanges: credit by brokers, dealers and members, regulation, supp -------- 15574, add line reading National security :.

—— Page 432, 2d column. Change 1st line to read National security—Continued.

Classified List of Government Authors

	Beginning entry
Advisory Commission on Intergovernmental Relations	4324
Agriculture Department	4346
Agricultural Marketing Service	4330
Agricultural Research Service	4337
Commodity Credit Corporation	4656
Economic Research Service	4801
Farmer Cooperative Service	4877
Federal Extension Service	4889
Foreign Agricultural Service	4977
Forest Service	4979
National Agricultural Library	5617
Rural Electrification Administration	5711
Statistical Reporting Service	5746
Arms Control and Disarmament Agency	4441
Atomic Energy Commission	4469
Civil Aeronautics Board	4602
Civil Rights Commission	4609
Civil Service Commission	4610
Civil War Centennial Commission	4632
Commerce Department	4645
Area Redevelopment Administration	4430
Business and Defense Services Administration	4507
Business Economics Office	4559
Census Bureau	4560
Coast and Geodetic Survey	4633
International Commerce Bureau	5056
Maritime Administration	5467
National Bureau of Standards	5618
Patent Office	5666
Public Roads Bureau	5699
United States Travel Service	5762
Weather Bureau	5769
Congress	4659
Atomic Energy Joint Committee	4664
Economic Joint Committee	4666
House of Representatives	4668
Agriculture Committee	4751
Armed Services Committee	4752
Education and Labor Committee	4753
Foreign Affairs Committee	4754
Government Operations Committee	4755
Merchant Marine and Fisheries Committee	4756
Un-American Activities Committee	4759
Ways and Means Committee	4760

	Beginning Entry
Congress—Continued	
Senate	4762
Armed Services Committee	4772
Commerce Committee	4773
Foreign Relations Committee	4774
Government Operations Committee	4778
Interior and Insular Affairs Committee	4782
Judiciary Committee	4784
Labor and Public Welfare Committee	4789
Defense Department	4791
Air Force Department	4379
Armed Forces Information and Education	4434
Armed Services Technical Information Agency	4437
Army Department	4442
Adjutant General's Office	4322
Engineers Corps	4836
Military History, Office of Chief of	5468
Ordnance Corps	5664
Transportation Corps	5754
Civil Defense Office	4604
National Guard Bureau	5621
Navy Department	
Naval Operations Office	5653
Naval Oceanographic Office	5648
Naval Personnel Bureau	5654
Naval Research Office	5657
Naval Weapons Bureau	5659
District of Columbia	4800
Federal Aviation Agency	4878
Air Traffic Service	4425
Aviation Medical Service	4502
Systems Research and Development Service	5751
Federal Communications Commission	4885
Federal Home Loan Bank Board	4890
Federal Maritime Commission	4900
Federal Power Commission	4902
Federal Reserve System Board of Governors	4926
Federal Trade Commission	4933
General Accounting Office	4994
General Services Administration	5011
Federal Supply Service	4930
National Archives and Records Service	
Federal Register Office	4904
National Historical Publications Commission	5622
Government Printing Office	
Public Documents Division	5679
Health, Education, and Welfare Department	5039
Education Office	4806
Food and Drug Administration	4975
Public Health Service	5683
National Institutes of Health	5623

	Beginning Entry
Health, Education, and Welfare Department—Continued	
Social Security Administration	5722
Children's Bureau	4596
Family Services Bureau	4876
Old-Age and Survivors Insurance Bureau	5661
Housing and Home Finance Agency	5042
Federal Housing Administration	4892
Urban Renewal Administration	5764
Interior Department	5047
Fish and Wildlife Service	4935
Geographic Names Board	5012
Geological Survey	5013
Indian Affairs Bureau	5045
Land Management Bureau	5462
Mines Bureau	5469
National Park Service	5633
Outdoor Recreation Bureau	5665
Reclamation Bureau	5705
Interstate Commerce Commission	5100
Joint Publications Research Service	5108
Justice Department	
Immigration and Naturalization Service	5044
Labor Department	5426
Apprenticeship and Training Bureau	4429
Employees' Compensation Appeals Board	4830
Employment Security Bureau	4831
Federal Safety Council	4928
International Labor Affairs Bureau	5099
Labor-Management Reports Bureau	5431
Labor Standards Bureau	5432
Labor Statistics Bureau	5436
Solicitor	5723
Wage and Hour and Public Contracts Divisions	5765
Women's Bureau	5772
Library of Congress	5463
Copyright Office	4790
National Academy of Sciences	
National Research Council	5645
National Aeronautics and Space Administration	5505
National Labor Relations Board	5628
National Science Foundation	5646
Post Office Department	5670
President of United States	5674
Executive Office of the President	
Budget Bureau	4506
Emergency Planning Office	4829
Renegotiation Board	5710
Selective Service System	5714
Ship Structure Committee	5715
Small Business Administration	5716

	Beginning Entry
Smithsonian Institution	5719
American Ethnology Bureau	4428
Freer Gallery of Art	4993
National Museum	5632
State Department	5724
International Development Agency	5093
Tariff Commission	5752
Tennessee Valley Authority	5753
Treasury Department	5759
Coast Guard	4638
Comptroller of Currency	4657
Internal Revenue Service	5051
United States Information Agency	5761

Monthly Catalog

No. 818 ● March 1963

ADJUTANT GENERAL'S OFFICE (Army), Defense Dept.

4322 Selected current acquisitions, list 62-25, Dec. 14, 1962. [1962.] 10 leaves, 4° (Administrative Services Division.) [Processed.] †
D 102.28/3 : 62-25

4323 —— list 62-26, Dec. 28, 1962. [1962.] 6 p. 4° (Administrative Services Division.) [Processed.] †
D 102.28/3 : 62-26

ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS

4324 Advisory Commission on Intergovernmental Relations, 3d annual report; Jan. 31, 1962. [1963.] [6]+26 p. 4° (M-14.) [Processed.] †
L.C. card 62-62329 Y 3.Ad 9/8 : 1/962

4325 —— 4th annual report; Jan. 31, 1963. [1963.] xi+32 p. 4° (M-19.) [Processed. Report covers period Feb. 1, 1962 to Jan. 31, 1963.] †
L.C. card 62-62329 Y 3.Ad 9/8 : 1/963

4326 Apportionment of State legislatures. Dec. 1962. viii+78+[34] p. 4° (Commission report, A-15.) † ● Item 1049-D
L.C. card 63-60543 Y 3.Ad 9/8 : 2 Ap 6

4327 Intergovernmental responsibilities for water supply and sewage disposal in metropolitan areas. Oct. 1962. [9]+135 p. 4° (Commission report, A-13.) † ● Item 1049-D
L.C. card 63-60546 Y 3.Ad 9/8 : 2 W 29

4328 State constitutional and statutory restrictions on local taxing powers. Oct. 1962. x+122 p. 4° (Commission report, A-14.) † ● Item 1049-D
L.C. card 63-60547 Y 3.Ad 9/8 : 2 T 19/8

4329 State constitutional and statutory restrictions upon structural, functional, and personnel powers of local government. Oct. 1962. ix+80 p. il. (Commission report A-12.) † ● Item 1049-D
L.C. card 63-60642 Y 3.Ad 9/8 : 2 G 74/2

AGRICULTURAL MARKETING SERVICE, Agriculture Dept.

Acreage market guides AMG (series). † ● Item 18-D

4330 28. 1963 acreage marketing guides: Spring potatoes. Nov. 1962. 15 p. il. 4°
L.C. card 54-61276 A 88.26/4 : 28

AMS (series). † A 88.40 : (nos.)

4331 210. Checklist of U.S. standards for farm products. Revised [edition]. Jan. 1963. 16 p. 4° (Market Information Division.) [Processed.]

4332 234. Peanut market news: Peanut price summary 1920-62. Revised July 1962. [1962.] 18 p. 4° [Processed.]

4333 419. List of chemical compounds, approved for use under USDA poultry and poultry products inspection and grading programs. Revised Jan. 1963. [1963.] 43 p. 4° (Poultry Division.) [Processed. Issued with perforations.]

***For Sale by Superintendent of Documents**
✠For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

AMS (series)—Continued

4334 494. Some effects of packaging and merchandising on quality of McIntosh apples in New York City [with list of literature cited]; by Michael J. Ceponis and Jacob Kaufman]. [Feb. 1963.] 9 p. 4° (Market Quality Research Division.) [Processed.]
L.C. card Agr 63-97

4335 495. Marketing research directory, Agricultural Marketing Service field locations, personnel in charge. [Jan. 1963.] cover title, 20 p. 4° [Processed. Text on p. 2 of cover. Supplement, 1 p. oblong 48° was issued also.]
L.C. card Agr 63-100

4336 Livestock receipts and disposition of public markets, 1961. Feb. 1962. 8 p. 4° (Market news, Livestock Division; LS-SY-61.) [Processed.] †
A 88.16: 961/13

AGRICULTURAL RESEARCH SERVICE, Agriculture Dept.

ARS (series). † A 77.15: (nos.)

4337 33-81. Studies of insecticide residues on grapes and in wines [with list of literature cited]; by George W. Still and Jack E. Fahey. Jan. 1963. 7 p. 4° [Processed.]
L.C. card Agr 63-86

4338 33-82. Community effort in boll weevil control [with list of references cited]; by H. M. Taft and A. R. Hopkins. Jan. 1963. 15 p. 4° [Processed. Prepared in cooperation with South Carolina Agricultural Experiment Station, Florence, S.C.]
L.C. card Agr 63-99

4339 44-8. Participants in national turkey improvement plan, national plan hatcheries, national plan dealers, and independent flocks; [compiled by Animal Husbandry Research Division]. Revised Feb. 1963. [1963.] 27 P. 4° ● Item 25-B

4340 44-122. DHIA sire summary list 1962: pt. 2, Holstein sires. Dec. 1962 [published 1963]. cover title, 509 p. 4° ● Item 25-B

4341 73-40. Arches and burners for oil-fired maple sap evaporators; [by Lloyd Sipple, C. O. Willits, and F. E. Winch, jr.]. Jan. 1963. 14 p. il. 4° ([Eastern Utilization Research and Development Division.])
L.C. card Agr 63-106

4342 91-10-3. Brucellosis eradication, recommended uniform methods and rules [effective Dec. 15, 1962]. Feb. 1963. cover title, iv+36 p. il. 12° ([Animal Disease Eradication Division.]) [Text on p. 2 of cover.] ● Item 25-B

4343 91-39. Facts about screwworm eradication. Jan. 1963. 11 p. il. 4° ● Item 25-B
L.C. card Agr 63-85

4344 Plant quarantine import requirements of France. Feb. 8, 1963. [4] p. (Plant Quarantine Division.) [Processed. Issued with perforations. Supersedes P.Q. 403, Apr. 20, 1953, ECP 1, Jan. 19, 1961, and TM May 9, 1961.] †
A 77.329: F 844

4345 Plant quarantine import requirements of Luxembourg. Feb. 1, 1963. [2] p. (353-A; Plant Quarantine Division.) [Processed. Issued with perforations. Supersedes P.Q. 389, Mar. 11, 1936, and supplement 1, Mar. 9, 1937.] †
A 77.329: L 979

AGRICULTURE DEPARTMENT

NOTE.—Requests to the Department of Agriculture for publications should include the USDA number if given in the entry.

Agriculture handbooks. ● Item 3 A 1.76: (nos.)

4346 157. Grade names used in U.S. standards for farm products. Revised Jan. 1963. [1963.] 34 p. 4° (Agricultural Marketing Service, Marketing Information Division.) * Paper, 25c.
L.C. card Agr 58-382

4347 183. Logging road handbook, effect of road design on hauling costs, Dec. 1960; Addenda. Dec. 1962. 1 p. 4° (Forest Service.) †

4348 238. Summer annual forage grasses in United States; [by A. A. Hanson]. [Feb. 1963.] [2]+16 p. il. (Agricultural Research Service.) * Paper, 10c.
L.C. card Agr 63-94

Farmers' bulletins. ● Item 9 A 1.9: (nos.)

4349 2045. Commercial production of tomatoes; [by William S. Porte]. [Revised Feb. 1963.] [1963.] ii+48 p. il. [Supersedes Farmers' bulletin 1338, Tomatoes as truck crop, and Farmers' bulletin 1901, Production of tomatoes for canning and manufacturing.] * Paper, 25c.
L.C. card Agr 63-92

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4350 2086. Growing pumpkins and squashes; [prepared by Crops Research Division and Entomology Research Division, Agricultural Research Service]. [Revised Feb. 1963.] [1963.] 27 p. il. * Paper, 15c.
L.C. card Agr 63-96

4351 2140. Strawberry diseases; [by John R. McGrew]. [Oct. 1959, slightly revised Jan. 1963.] [1963.] 24 p. il. ([Crops Research Division, Agricultural Research Service].) [Supersedes Farmers' bulletin 1891, Diseases of strawberries.] * Paper, 15c.

4352 Helping people to help themselves in country and in towns [preparing overall economic development program, suggested outline for rural areas development]. [Sept. 1962.] [3]+16 p. il. ([Federal Extension Service, Farmers Home Administration, Economic Research Service, Office of Rural Areas Development.]) † ● Item 11-C
L.C. card Agr 63-87 A 1.11/3: H 36

Home and garden bulletins. ● Item 11 A 1.77: (nos.)

4353 5. Food for family with young children; [prepared by Consumer and Food Economics Research Division, Agricultural Research Service]. [Revised Apr. 1960, slightly revised Feb. 1963.] [1963.] 16 p. il. * Paper, 10c.

4354 8. Growing flowering dogwood; [prepared by Crops Research Division, Agricultural Research Service]. [Jan. 1963.] 8 p. il. * Paper, 5c.
L.C. card Agr 63-84

Household food consumption survey 1955, report. ● Item 11-A

4355 17. Food consumption and dietary levels of households of different sizes, United States, by region; [prepared by Consumer and Food Economics Research Division]. [Jan. 1963.] cover title, 168 p. il. oblong 8° ([Agricultural Research Service and Agricultural Marketing Service].) [Includes list of selected publications from other surveys of family food consumption and dietary levels. Text on p. 2 of cover.] * Paper, $1.00. A 1.68:17

Leaflet.

4356 518. Beltsville energy-saving kitchen, design no. 3; [prepared by Mildred Howard, Genevieve Tayloe and Russell Parker]. [Feb. 1963.] 8 p. il. 4° * Paper, 5c. ● Item 12 A 1.35: 518

Marketing research reports. ● Item 13-B A 1.82: (nos.)

4357 566. Feeder pig pooling, improved marketing through grading and commingling; by John T. Haas and Ira M. Stevens. Dec. 1962 [published 1963]. cover title, iv+59 p. il. 4° (Farmer Cooperative Service.) [List of other publications available on p. 4 of cover.] * Paper, 40c.
L.C. card Agr 63-83

4358 572. Prepackaging Alabama and Florida potatoes at production points; [by John L. Ginn and others]. [Jan. 1963.] 20 p. il. 4° (Agricultural Marketing Service, Transportation & Facilities Research Division.) [Includes list of recent related reports.] †
L.C. card Agr 63-91

4359 574. Redi wheat, new canned cooked bulgur, market position and consumer acceptance in Wichita, Kans.; [by Haven D. Umstott and Dan S. Hollon]. [Dec. 1962.] cover title, iii+76 p. il. 4° (Economic Research Service and Statistical Reporting Service.) †
L.C. card Agr 63-82

4360 576. Effects of cotton ginning practices on market quality of cotton, Mississippi Delta variety, 1958-59; [by Edward H. Shanklin, E. W. S. Calkins, and Oliver L. McCaskill]. [Jan. 1963.] 31 p. 4° (Agricultural Marketing Service, Economic Research Service, Agricultural Research Service.) †
L.C. card Agr 63-90

4361 578. Dehydrofrozen apple slices, their potential in selected markets; [by Edward J. McGrath and Howard W. Kerr, jr.]. [Jan. 1963.] iv+20 p. il. 4° (Economic Research Service, Marketing Economics Division.) †
L.C. card Agr 63-89

4362 585. For-hire motor carriers hauling exempt agricultural commodities, nature and extent of operations; [by Mildred R. DeWolfe]. [Jan. 1963.] cover title, iv+92 p. il. 4°] (Marketing Economics Division, Economics Research Service.) †
L.C. card Agr 63-81

4363 587. Sedimentation as measure of wheat quality, 1962 crop; [by Lawrence Zeleny, James M. Doty, and William E. Kibler]. [Jan. 1963.] 19 p. il. 4° (Agricultural Marketing Service, Grain Division.) * Paper, 15c.
L.C. card 63-60767

Miscellaneous publications. ● Item 13-A A 1.38: (nos.)

4364 727. Career opportunities for veterinarians in Agricultural Research Service. [Feb. 1957, slightly revised Jan. 1963.] [1962, published 1963]. cover title, 16 p. il. [Text on p. 2 and 3 of cover.] * Paper, 15c.

4365 858. Opportunities for doctors of veterinary medicine in ARS. [May 1961, slightly revised Jan. 1963.] [1962.] [4] p. il. (Agricultural Research Service.) †

***For Sale by Superintendent of Documents**
Φ For Sale by OTS, Commerce Dept.
● Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

677108 O—63—No. 818——2

Miscellaneous publications—Continued

4366 902. Soil and water conservation research in Great Plains States: [prepared by Soil and Water Conservation Research Division, Agricultural Research Service]. [Jan. 1963.] 28 p. il. oblong 24° *Paper, 15c.

PA (series). A 1.68: (nos.)

4367 514. Soil, crops, and fallout from nuclear attack. [Nov. 1962.] 8 p. il. [Prepared in cooperation with Atomic Energy Commission, Office of Civil Defense, Department of Defense, and Public Health Service.] † (Request from cooperative extension agents)
L.C. card Agr 63-102

4368 515. Fallout and your farm food [with list of references]. [July 1962.] [8] p. il. narrow 8° (Federal Extension Service.) [Prepared in cooperation with State land-grant colleges and universities and Office of Civil Defense, Department of Defense.] † (Request from cooperative extension agents)

4369 516. Your livestock can survive fallout from nuclear attack. [Sept. 1962.] 8 p. il. [Prepared in cooperation with Atomic Energy Commission, Office of Civil Defense, and Department of Health, Education, and Welfare.] † (Request from cooperative extension agents)
L.C. card Agr 63-103

4370 517. Rural fire defense, you can survive. [Aug. 1962.] 8 p. il. (Forest Service) [Prepared in cooperation with Office of Civil Defense, Department of Defense.] † (Request from cooperative extension agents)

4371 531. Career exploration, guide for extension workers. [Jan. 1963.] 20 p. il. 4° (Federal Extension Service.) [Cover drawing copyrighted Coats and Clark, Inc.] * Paper, 15c.
L.C. card Agr 63-101

4372 Periodic reports of Agricultural Economics, Economic Research Service, Statistical Reporting Service. Jan. 1963. 15 p. 4° (Agricultural Economics.) † ● Item 13-I A 1.99: 963

Production research reports. ● Item 13-C A 1.84: (nos.)

4373 65. Mechanical harvesting and ribboning of ramie fiber [with list of literature cited; by Hiram D. Whittemore, Mills H. Byrom, and Robert E. Hellwig]. [Feb. 1963.] [2]+26 p. il. 4° (Agricultural Research Service.) [Prepared in cooperation with Everglades Experiment Station, University of Florida, Agricultural Experiment Station.] †
L.C. card Agr 63-93

4374 68. Combine cutting and feeding mechanisms in Southeast [with list of literature cited]; by J. K. Park. [Feb. 1963.] [2]+19 p. il. (Agricultural Research Service.) [Prepared in cooperation with South Carolina Agricultural Experiment Station.] †
L.C. card Agr 63-79

4375 69. Feeding pelleted rations to beef cattle [with list of literature cited]; by P. A. Putnam, R. E. Davis. [Jan. 1963.] [1]+27 p. il. (Agricultural Research Service.) * Paper, 15c.
L.C. card Agr 63-80

Statistical bulletin.

4376 324. Animal units of livestock fed annually, 1909-61; [by Earl F. Hodges] [Feb. 1963.] 19 p. il. 4° (Economic Research Service.) * Paper, 15c. ● Item 15
L.C. card 56-63884 A 1.34: 324

Technical bulletin.

4377 1274. Factors affecting price and supply of hogs [with list of literature cited]; by Arthur A. Harlow. [Dec. 1962, published 1963.] iv+85 p. il. (Economic and Statistical Analysis Division.) [Page 85 is printed on inside of back cover.] * Paper, 30c. ● Item 16
L.C. card Agr 63-88 A 1.36: 1274

4378 World Food Forum proceedings commemorating centennial Department of Agriculture, 1892-1962, May 15-16-17, 1962 Washington, D.C. [papers]. [Jan. 1963.] cover title, viii+164 p. il. 4° * Paper, $1.00. ● Item 10
L.C. card Agr 63-95 A 1.2: F 73/29

AIR FORCE DEPARTMENT, Defense Dept.

AFCRL (series).

4379 62-494(2). See below, Air Force surveys in geophysics 141.

Air Force Manuals AFM (series). ● Item 421 D 301.7: (nos.)

4380 32-3. Ground safety: Accident prevention handbook [with bibliographies]; Nov. 5, 1962. [1962.] cover title, ix+[501] p. il. 4° [Supersedes AFM 32-3, Aug. 1, 1958, as amended, and AFRs 32-4, Feb. 19, 1960, 32-8, Aug. 16, 1956 and 32-9, Mar. 1, 1960.] * Paper, $2.50.
L.C. card 63-60712

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4381 51–40A, v. 1. Air navigation: Flying training, Change; Dec. 31, 1962. [1963.] [40] p. il. 4° (NAVWEPS 00–80V–49.) [Issued in loose-leaf form.] * Paper, 25c.

4382 51–40A, v. 2. Same: [38] p. il. 4° (NAVWEPS 00–80V–50.) [Issued in loose-leaf form.] * Paper, 25c.

4383 52–8, v. 2. Electronic circuit analysis. [1963.] cover title, ii+[342] p. il. 4° [Supersedes AFM 52–8, Radar circuit analysis, June 30, 1951.] * Paper, $2.00.
L.C. card 63–60454

4384 88–2. Facility design and construction: Definitive designs of Air Force structures, Change A; Nov. 1, 1962. [1962.] [1]+11 p. 235 pl. oblong large 8° ‡

4385 88–52. See Army Dept, Technical manual 5–541.

Air Force pamphlet AFP (series).

4386 190–4–3. See Armed Forces Information and Education, Pocket guide to Viet-Nam.

4387 200–2–6. Intelligence activities: Characteristics of northwest USSR and Russian language guide. Jan. 7, 1963. cover title, iv+62 p. map, 24° [Supersedes AFP 200–2–6, Oct. 1, 1956.] ‡ ● Item 421–A
L.C. card 63–60670 D 301.35 : 200–2–6/2

4388 Air Force register: v. 1, Action lists, Jan. 1, 1963. 1963. viii+961 p. 4° ([Air Force pamphlet 36–1–1]; Office of Directorate of Administrative Services.) [Also issued as H. doc. 38, pt. 1, 88th Cong., 1st sess. Supersedes v. 1, AFP 36–1–1, Jan. 1, 1962.] * Paper, $5.00. ● Item 426
L.C. card 49–46275 D 303.7 : 963/v.1

4389 —— v. 2, Retired lists, Jan. 1, 1963. 1963. vii+177 p. 4° ([Air Force pamphlet 36–1–1]; Office of Directorate of Administrative Services.) [Also issued as H. doc. 38, pt. 2, 88th Cong., 1st sess. Supersedes v. 2, AFP 36–1–1, Jan. 1, 1962.] * Paper, $1.25. ● Item 426
L.C. card 49–46275 D 303.7 : 963/v.2

Air Force surveys in geophysics. (Air Force Cambridge Research Laboratories, Office of Aerospace Research.) [Processed.] Φ (Price upon application).

4390 141. Atlas of monthly mean stratosphere charts, 1955–59, pt. 2, July–December [with list of references; by] H. Stuart Muench, Thomas R. Borden, jr. Oct. 1962. cover title, [2] p.+[103] leaves, il. oblong large 8° (AFCRL–62–494(2), project 8604; Meteorological Research Laboratory.)
D 301.45/9 : 141/pt.2

ASD technical report TR (series). (Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.)
D 301.45/26–2 : (nos.)

4391 61–234. Handbook of design data on elastormeric materials used in aerospace systems [with bibliography; by] A. G. Pickett and M. M. Lemcoe. Jan. 1962. [2]+xiii+222 p. il. 4° (Directorate of Materials and Processes; project 7381, task 73812, prepared under contract AF 33 (616)–7093 by Southwest Research Institute.) Φ Paper, $3.50 (AD 273880).

4392 61–267. Preliminary investigation of interplanetary lunar and near planet environments and methods of simulation [with lists of references]; edited by C. D. Jones. July 1961. xiii+216 p. il. 4° (Deputy for Test and Support contract Nr. AF 33(616)–5914, project Nr. 1309, task Nr. 13001; Ohio State University Research Foundation.) Φ Paper, $3.50 (AD 268719).

4393 61–342. Experimental properties of carbon electrode fuel cell. [1961.] cover title, vi+57 p. il. 4° ([Contract AF 33(616)–7256, pt. 1 of final report, May 1960–June 1961; Flight Accessories Laboratory.]) Φ Paper, $1.75 (AD 217971).

4394 61–456. Suitability of tubed foods for inflight feeding [with bibliography; by] Jerry L. Welbourn and Paul A. Lachance. Sept. 1961. iv+6 p. il. 4° (Project 7164, task 71833; Biomedical Laboratory, Aerospace Medical Laboratory.) Φ Paper, 50c. (AD 268302.)

4395 Difficult decisions of space age, address by B. A. Schriever to National Security Industrial Association, New York, N.Y., Nov. 15, 1962. [1962.] 5 leaves, 4° (Release 82–62; AFSC News Service, Office of Information, Air Force Systems Command, Andrews Air Force Base.) [Processed.] †
D 301.45/29–2 : Sch 7/2

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Electronic Systems Division: Technical documentary report ESD-TDR (series). (Operational Applications Laboratory, Deputy for Technology, Electronic Systems Division, Air Force Systems Command, L. G. Hanscom Field, Bedford, Mass.) [Processed.]

4396 62-352. Post-discrimination gradients around stimuli with differential rates of occurrence in discrete response task [with list of references; by] Donald B. Cameron. Dec. 1962. iii+25+[4] p. il. 4° (Project 9674, task 967406.) [Processed.] ‡ D 301.45/28-2: 62-352

4397 Errata, Tables relating to radial Mathieu functions: v. 1, Functions of 1st kind; by G. Blanch and D. S. Clemm. Jan. 22, 1963. 1 p. 4° [Processed.] † ● Item 422-B D 301.45: M 42/v.1/errata-2

4398 Flight information publication: Planning, foreword; Feb. 1, 1963. [1963.] [1]+15 p. il. large 8° [Processed. Issued with perforations. Compiled and published by Jeppesen Co. for Aeronautical Chart and Information Center Air Force.] ‡ D 301.52: F 76/963

4399 Management challenge of the sixties, address by B. A. Schriever to Aerojet-General Management Club, Azusa, Calif., Nov. 13, 1962. [1962.] 5 leaves, 4° (Release 81-62; AFSC News Service, Office of Information, Air Force Systems Command, Andrews Air Force Base.) [Processed.] † D 301.45/29-2: Sch 7

OAR (series). (Office of Aerospace Research.)

4400 10. History of mathematical statistics research at Aeronautical Research Laboratories; by Harry J. Eisenman. 1962. vii+52 p. 4° [Processed. Includes list of selected publications and presentations by members of statistics group.] ‡
L.C. card 63-60422 D 301.69/3: 10

Personnel Research Laboratory: Technical documentary report PRL-TDR (series). (6570th Personnel Research Laboratory, Aerospace Medical Division, Air Force Systems Command, Lackland Air Force Base, Tex.) [Processed.] D 301.45/27: (nos.)

4401 62-15. Rankorder estimates of time required for crosstraining among 98 airman specialties [with list of references]; by Marion E. Hook and Richard S. Massar. Aug. 1962. iv+19+[4] p. 4° (Project 7734, task 773403.) Φ (Price upon application).

4402 62-16. Feasibility of identifying predictors of success in officer jobs from personnel records and word picture section of effectiveness reports [with list of references]; prepared by Stanley Lichtenstein and Clifford P. Hahn. Aug. 1962. v+62 [4] p. il. 4° (Project 7734, task 773404; American Institute for Research, Washington, D.C., contract AF 41(657)-352).) Φ (Price upon application).

4403 62-18. Prediction of retirement of Air Force officers; by Francis D. Harding, Robert A. Bottenberg, Robert L. Downey, Jr. Aug. 1962. iii+7+[4] p. 4° (Project 6755, task 675505.) ‡

4404 62-20. Contribution of education to rated effectiveness of officers in scientific and engineering assignments [with list of references]; by Chester J. Judy. Sept. 1962. iii+7+[4] p. 4° Φ (Price upon application).

4405 62-21. Comparison of instructor aptitude test scores and general aptitude indexes achieved by sample of basic airmen [with one reference]; by Cecil J. Mullins. Sept. 1962. iii+3+[4] p. 4° (Project 7717, task 771705.) ‡

4406 62-22. Technique for evaluation of recruiting strategy with fluctuating availability and known demand [with list of references]; by Frank B. Ford. Sept. 1962. iii+17+[4] p. il. 4° (Project 7719, task 771901.) Φ (Price upon application).

4407 62-23. Hierarchical factors in course grades in aviation high school [with list of references]; prepared by Lloyd G. Humphreys. Oct. 1962. iii leaves+10 p.+[2] leaves, 4° (Project 7719, task 771905; University of Illinois, Urbana, Ill., contract AF 41(657)-279.) Φ (Price upon application).

4408 Remarks by Marcus F. Cooper, Deputy Chief of Staff, Systems HQ, Air Force Systems Command, Plattsburgh Atlas Turnover Ceremony, Plattsburgh AFB, N.Y., Dec. 19, 1962. [1962.] [2] leaves, 4°. (Release 89-62; AFSC News Service, Office of Information, Air Force Systems Command, Andrews Air Force Base.) [Processed.] †
D 301.45/29-2: C 78

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

School of Aerospace Medicine: Aeromedical reviews. (Aerospace Medical Division (AFSC) Brooks Air Force Base, Tex.) [Processed.]

4409 7–62. Ventilation of normal and blocked middle ear, review of mechanisms [with list of references; by] Richard A. Davison. Nov. 1962. [1]+17 p. il. ‡ D 301.26/13–4: 7–62

—— Technical documentary report SAM–TDR (series): (Aerospace Medical Division (AFSG), Brooks Air Force Base, Tex.) [Processed.] ‡ D 301.26/13–6: (nos.)

4410 62–88. Pyridine nucleotide oxidases and trans-hydrogenase in acclimatization to high altitude [with list of references; prepared by Baltazar Reynafarje]. Nov. 1962. cover title, iii+6+4 p. il. 4° (Project 7758, task 59582.) [Prepared under contract AF 41(657)–249 by Institute of Andean Biology and Department of Pathological Physiology, Faculty of Medicine, Lima, Peru.]

4411 62–94. Effect of decreased barometric pressure on oxygen consumption [with list of references; prepared by Louis F. Johnson, jr., J. Ryan Neville, Richard W. Bancrodt]. Sept. 1962. cover title, iii+6+[4] p. il. 4° (Project 7758, task 67074.)

4412 62–103. Protection against ionizing radiation, X-irradiated monkeys receiving preirradiation prophylaxis and postirradiation therapy [with list of references; by George S. Melville, Jr., and others]. Dec. 1962. cover title, iii+10+[4] p. il. 4° (Project 7757, task 67007.)

4413 62–112. Stress responses of pilots flying 6-hour overwater missions in F–100 and F–104 aircraft [with list of references; by Vance H. Marchbanks, Henry B. Hale, James P. Ellis, jr.]. Aug. 1962. cover title, iii+6+[4] p. il. 4° (Project 7758, task 59579.)

4414 62–119. Number of catecholamine storage granules in adrenal medulla [with list of references; by W. R. Burack and others.] Nov. 1962. cover title, iii+4+[4] p. il. 4° (Project 7756, task 59701, prepared under contract AF 41(657)–414 by Department of Pharmacology, Harvard Medical School, Boston, Mass.) [Corrections sheet, 1 p. oblong 48° attached to cover.]

4415 62–123. Bicarbonate excretion during hypothermia [with list of references; by G. S. Kanter]. Nov. 1962. cover title, iii+5+[4] p. 4° (Project 7758, task 59587, prepared under contract AF(657)393 by Albany Medical College, Albany, N.Y.)

4416 62–126. In vitro performance of stannous fluoride prophylaxis paste and topical solution, alone and in combination [with list of references; by Ira L. Shannon, William A. Gibson]. Nov. 1962. cover title, iii+3+[4] p. 4° (Project 7756, task 59713.)

4417 62–127. Hearing of Air Force pilots, 1955–62 [with list of references; by Lois L. Elliott]. Dec. 1962. cover title, iii+6 p.+[2] leaves, il. 4° (Task 775503.)

4418 62–133. Renal regulation of bicarbonate loads during hypothermia [with list of references; by G. S. Kanter]. Dec. 1962. cover title, iii+7+[4] p. 4° (Project 7758, task 59587, prepared under contract AF 41(657) 393, Albany Medical College, Albany, N.Y.)

4419 62–134. Use of factor analysis in statistical analysis of multiple time series [with list of references; prepared by T. W. Anderson]. Nov. 1962. cover title, iii+17 p.+[2] leaves, 4° (Task 775505, prepared under contract AF 41(609) 1534, by Columbia University, New York, N.Y.)

4420 62–136. Extraction apparatus for determination of total serum lipids [with list of references; prepared by Dale A. Clark, Carrie B. Haven]. Nov. 1962. cover title, iii+4+[4] p. il. 4° (Task no. 775301.) [Correction sheet, 1 p. oblong 48°, attached to cover.]

4421 62–137. Cold pressor test, 20-year followup study of 123 subjects [with list of references; by Margaret F. Allen and David E. Langdon]. Dec. 1962. cover title, iii+5+[4] p. 4° (Task 775501.)

4422 62–144. Study of photostress and flash blindness [with list of references; prepared by Sanford L. Severin, Norris L. Newton, James F. Culver]. Dec. 1962. cover title, iii+6+[4] p. il. 4° (Task 775101.)

4423 62–145. Prediction of speech discrimination scores from other test information [with list of references; prepared by Lois L. Elliott]. Dec. 1962. cover title, iii+13+[4] p. 4° (Task 775503.)

WADD technical report. (Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.) [Processed.]

4424 61–90. Investigation of application of electric current during zone refining [with bibliography; by] Louis L. Thomas, Research Chemicals, division of Nuclear Corporation of America. July 1961. v+42 p. il. 4° (Directorate of Materials and Processes; contract AF 33(616)–6150, project 7371, task 73711.) [Processed.] Φ Paper, $1.25 (PB 181114). D 301.45/5: 61–90

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

AIR TRAFFIC SERVICE, Federal Aviation Agency

4425 [ATS manual]: Facility operation, AT P 7230.1 [Change] 9, Nov. 20, 1962. [1963.] [18] p. il. 4° [Effective date, Jan. 2, 1963. Cancellation date, Feb. 15, 1963. Issued in loose-leaf form.] ‡ ● Item 431-D-1
FAA 3.8: F 11/961/ch.9

4426 —— Facility operation, AT P 7230.1, Change 10; Dec. 5, 1962. [1963.] [18] p. 4° [Issued in loose-leaf form.] ‡ ● Item 431-D-1
FAA 3.8: F 11/961/ch.10

4427 International flight information manual, v. 10, Apr. 15, 1962, amdt. 3; Jan. 1, 1963. [1963.] [22] p. 4° (Flight Information Division, National Flight Data Center (AT-4351).) [Issued in loose-leaf form.] * Paper, $1.00 (including basic manual and supplementary service for 1 year); 25c. additional for foreign mailing. ● Item 431-C-18
FAA 3.13: 10/amdt.3

AMERICAN ETHNOLOGY BUREAU, Smithsonian Institution

Bulletin. ● Item 913

4428 184. Pueblo of Sia, N. Mex. [with bibliography]; by Leslie A. White. 1962. xii+358 p. il. 12 pl. map. [Also issued as H. doc. 188, 87th Cong., 1st sess.] * Cloth, $2.75.
L.C. card 63-60381 SI 2.3: 184

APPRENTICESHIP AND TRAINING BUREAU, Labor Dept.

4429 Remarks by Edw. E. Goshen, administrator, Bureau of Apprenticeship and Training, Department of Labor, 50th anniversary, Master Builders Association of Wisconsin, Milwaukee, Wis., Feb. 19, 1963. [1963.] 9 leaves, 4° [Processed.] † L 23.8: G 69/13

AREA REDEVELOPMENT ADMINISTRATION, Commerce Dept.

4430 Accelerated public works program, maximum grants-in-aid for eligible areas, supp. 1. Dec. 1962. cover title, [2]+14 p. 4° (Office of Planning and Research.) [Processed.] †
L.C. card 63-60104 C 46.2: P 96/3/supp.1

4431 List of selected ARA publications. Jan. 8, 1963. 5 p. 4° [Processed.] †
C 46.18: P 96/963

4432 Model State economic development program, remarks of Harold W. Williams, Deputy administrator, Area Redevelopment Administration, Department of Commerce, at 17th annual conference of Association of State Planning and Development Agencies, Scottsdale, Ariz., Nov. 29, 1962. [1962.] 12 p. 4° [Processed.] † C 46.11: W 67/9

4433 Research and up-grading local economy, remarks of Victor Roterus, economic advisor, Area Redevelopment Administration, at luncheon of Chamber of Commerce, Huntington, W. Va., Feb. 6, 1963. [1963.] 5 p. 4° [Processed.] † C 46.11: R 74/2

ARMED FORCES INFORMATION AND EDUCATION, Defense Dept.

For commanders, this changing world. [Semimonthly.] * Paper, $1.00 a yr., 50c. additional for foreign mailing; single copy, 5c. ● Item 321-B
D 2.15: (nos.)

4434 v. 2, no. 15. Congo, continuing problem [with list of suggested reading]. Feb. 1, 1963. 4 p. il. 4°

4435 v. 2, no. 16. Sino-Soviet dispute [with list of suggested reading]. Feb. 15, 1963. 4 p. il. 4°

4436 Pocket guide to Viet-Nam [with list of suggested reading]. [1963.] cover title, vi+130 p. il. small 4° (DoD PG-21, DA Pam 20-198, NAVPERS 93135, AFP 190-4-3, NAVMC 2593.) [Other illustrations in color on p. 1-4 of cover.] * Paper, 50c. ● Item 314 & 312-A
L.C. card 63-60665 D 2.8: V 67

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

ARMED SERVICES TECHNICAL INFORMATION AGENCY, Defense Dept.

4437 Display systems, ASTIA report bibliography. Nov. 1961. v+319 p. 4° [Processed.] Φ Paper, $5.00 (AD 265432).
L.C. card 62-61487 D 10.9 : D 63

4438 Explosive forming, ASTIA report bibliography; compiled by Katye M. Gibbs. Feb. 1962. v+42 p. 4° [Processed.] Φ Paper, $1.00 (AD 270900).
L.C. card 62-61336 D 10.9 : Ex 7

4439 Plasma physics and magnetohydrodynamics, ASTIA report bibliography; compiled by Merrill F. Aukland. Mar. 1962. iv+267 p. 4° [Processed.] Φ Paper, $2.75 (AD 271170).
L.C. card 62-61337 D 10.9 : P 69

4440 Teaching machines, ASTIA bibliography; compiled by Joseph M. Powers. Feb. 1962. v+51 p. 4° [Processed.] Φ Paper, $1.75 (AD 271150).
L.C. card 62-61895 D 10.9 : T 22

ARMS CONTROL AND DISARMAMENT AGENCY

4441 Risk and security in age of nuclear weapons [address delivered by] William C. Foster, director, Arms Control and Disarmament Agency [before University of Michigan and Bendix Corporation Arms Control Symposium at Ann Arbor, Mich., Dec. 19, 1962]. [1963.] [2]+17 p. narrow 8° ([Publication 12.]) • Paper, 15c. ● Item 125-A-3
AC 1.12 : F 81

ARMY DEPARTMENT, Defense Dept.

AMC pamphlet. (Army Materiel Command.) ● Item 322-A

4442 385-51. Safety digest; Jan. 1963. [1963.] cover title, ii+30 p. il. 4° [Monthly.] ‡ D 101.22/3 : 385-51

Civilian personnel pamphlets CPP (series). [Issued with perforations.]
D 101.37 : (nos.)

4443 41-B-1. Supervisor development program, basic course: Role of supervisor. [1962.] [1]+1+29 p. il. 4° [Includes copyright material.] • Paper, 20c.

4444 41-B-2. Supervisor development program, basic course: Selection & utilization of personnel. [1962.] cover title, [1]+10 p. 4° • Paper, 15c.

4445 41-B-3. Supervisor development program, basic course: Job instruction training. [1962.] [1]+27 p. il. 4° • Paper, 20c.

4446 41-B-5. Supervisors development program, basic course: Performance appraisal [with list of sources for additional study]. [1962.] cover title, 21 p. 4° • Paper, 20c.

4447 41-B-8. Supervisor development program, basic course: Recognition of employees. [1962.] [1]+vii+18 p. 4° • Paper, 20c.

4448 41-B-9. Supervisor development program, basic course: Health and sick leave [with bibliography]. [1962.] [1]+1+23 p. 4° [Includes copyright material.] • Paper, 25c.

4449 41-B-10. Supervisor development program, basic course: Safety [with lists of references]. [1962.] cover title, 1+53 p. il. 4° • Paper, 35c.

4450 41-B-11. Supervisor development program, basic course: Career management. [1962.] [1]+1+22 p. il. 4° • Paper, 20c.

Pamphlets. D 101.22 : (nos.)

4451 20-198. See Armed Forces Information and Education, Pocket guide to Viet-Nam.

4452 27-10. Military justice handbook, trial counsel and defense counsel. Nov. 1962 [published 1963]. cover title, 144 p. (Air Force Dept., Air Force pamphlet 111-1-1.) [Supersedes DA Pam 27-10 AF Pam 111-1-1, Dec. 6, 1954, including Changes 3, Mar. 27, 1959.] • Paper, 45c. ● Item 327
L.C. card 63-60676

4453 27-101-116. Judge Advocate legal service: Jan. 2, 1963. 13 p. [Issued with perforations.] ‡ ● Item 327

4454 27-101-117. Same: Jan. 23, 1963. [1962.] 10 p. [Issued with perforations.] ‡ ● Item 327

4455 27-101-119. Same: Feb. 1963. [1963.] 9 p. Issued with perforations.] ‡ ● Item 327

•For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Pamphlets—Continued

4456 635-1. Information for enlisted RFA trainees (Reserve forces act of 1955, as amended). Dec. 1962. cover title, [1]+37 p. il 16° [Supersedes DA Pam 635-1, Aug. 3, 1956, including Changes 1, June 10, 1957.] ‡ ● Item 327
L.C. card 63-60705

4457 715-50-98. Procurement legal service. Dec. 5, 1962 [published 1963.] 13 p. [Issued with perforations.] * Paper, 10c. ● Item 327

Technical manual TM (series).

4458 5-541. Control of soils in military construction [with list of references]. Jan. 1963. cover title, 74 p. il. 1 pl. 2 tab. (Air Force Dept. AFM 88-52.) [Supersedes TM 5-541, Sept. 8, 1954.] ‡ ● Item 329
L.C. card 63-60731 D 101.11 : 5-541

4459 715-5500-1. See Defense Department, Military handbook 7A.

4460 Time for action, proceedings of National Conference on Equal Employment Opportunity, Department of Army, Sept. 27-28, 1962. [1963.] cover title, 70 p. il. 4° ‡ ● Item 325
L.C. card 60644 D 101.2 : Em 7/2/962

USAPRO technical research notes. (Army Personnel Research Office.) [Processed.] Φ (Price upon application). D 101.60: (nos.)

4461 123. Abstracts of USAPRO research publications, fy 1962; [by] Emma E. Brown and Harry Kaplan. June 1962. [3]+38 p. 4° (Army project OJ95-60-001.)

4462. 124. Peer ratings as predictors of disciplinary problems [with list of references; by] Water A. Klieger, John E. de Jung, and Adrian U. Dubuisson. July 1962. [4] leaves +12+[4] p. il. 4° (Army project OJ95-60-001; Retention standards a-02.)

4463 125. Correlates of disciplinary record in wide-range sample [with list of references; by] Walter A. Klieger, Adrian U. Dubuisson, and Bryan V. Sargent, III. Aug. 1962. [6] leaves +9 p. 4° (Army project OJ95-60-001; Retention standards b-13.)

USAPRO technical research reports. (Army Personnel Research Office.) [Processed.] Φ (Price upon application.) D 101.60/2: (nos.)

4464 1125. Methods for improving enlisted input, status report, June 30, 1962 [with list of references; by] A. G. Bayroff. June 1962. [5]+10 p.+[2] leaves, 4° (Army project OJ95-60-001; Input quality.)

4465 1126. New classification techniques, status report, June 30, 1962; [by] William H. Helme and Lawrence K. Waters. June 1962. [4] leaves+14+[1] p. (Army project OJ95-60-001; New classification techniques.)

4466 1127. Selection of NCO leaders, status report, June 30, 1962 [with list of references; by] Francis F. Medland, Charles H. Hammer, and Eli Frankfeldt. June 1962. [5]+7 p.+[2] leaves, 4° (Army project OJ95-60-001; NCO leaders a-00; b-00.)

4467 1128. Selection of anti-tank missile gunners, status report, June 30, 1962 [with list of references; by] Martin F. Wiskoff. June 1962. [5] leaves+12 p. 4° (Army project OJ95-60-001; Anti-tank guided missile task.)

4468 World of opportunity in professional auditing with Army Audit Agency. [1962.] cover title, 16 p. il. 4° * Paper, 20c. ● Item 325
D 101.2 : Au 2

ATOMIC ENERGY COMMISSION

AEC research and development reports. Y 3.At 7 : 22/(letters-(nos.)

4469 AEC-tr-5236. Accumulation of radioactive elements in body and their excretion [articles, with bibliographies]; by V. S. Balabukha, G. Ye. Fradkin. [Oct. 1962.] cover title, [1]+a-g+160 p. il. 4° [Processed. Translated from publication of State Publishing House of Medical Literature, Moscow, 1958, by Joint Publications Research Service.] Φ Paper, $2.75.

4470 AEC-tr-5242. Contribution to study of metabolism of fission products, research on physicochemical state and metabolic path of radiocerium solutions [with bibliography]; by Andre Aeberhardt. [Oct. 1962.] cover title, ii+a-c+119 p. il. 4° [Processed. Translated from report CEA no. 1856 of French Atomic Energy Commission, Nuclear Research Center, Saclay, 1961, by Joint Publications Research Service.] Φ Paper, $1.50.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4471 AEC-tr-5259. Scintillation method in radiometry (Stsintillyatsionnyi metod v radiometrii) [with lists of references]; by V. O. Vyazemskii [and others]. [Oct. 1962.] cover title, [1]+a-e+414 p. il. 4° [Processed. State Publishing House for Atomic Energy Gosatomizdat, 1961 Moscow, translated by Lydia Venters.] Φ Paper, $5.00.

4472 AEC-tr-5376. Problems of radiation genetics [with bibliography]; by N. P. Dubinin. [Nov. 1962.] cover title, [1]+xi+[513] p. il. 4° [Processed. Translated from publication of Publishing House for Literature in Field of Atomic Science and Technology, Moscow, 1961, by Joint Publications Research Service.] Φ Paper, $6.00.

4473 AEC-tr-5425. Radiobiology, translations of v. 1, no. 4, 1961 of Radiobiologiya [articles, with bibliographies]. [Dec. 1962.] cover title, iii+267 p. il. 4° [Processed. Translated by Joint Publications Research Service.] Φ Paper, $3.50.

4474 AEC-tr-5427. Same: no. 6, 1961 of Radiobiologiya [articles, with bibliographies]. [Dec. 1962.] cover title, v+244 p. il. 4° [Processed. Translated by Joint Publications Research Service.] Φ Paper, $3.50.

4475 AEC-tr-5445. Safety rules for working with radioactive materials [with bibliography]; by B. M. Zlobinskii. [Dec. 1962.] cover title, [1]+vii+349 p. il. 4° (Division of Technical Information.) [Processed. Translated from publication of State Scientific-Technical Publishing House of Literature on Ferrous and Nonferrous Metallurgy, Moscow, 1961, by Joint Publications Research Service.] Φ Paper, $4.50.

4476 BNL-6080. Comparison of nuclear defense capabilities of nuclear and coal-fired power plants [with lists of references]. May 1962. cover title, iv+186 p. il. 4° (Brookhaven National Laboratory, Upton, N.Y., Oak Ridge National Laboratory, Oak Ridge, Tenn., Sargent and Lundy Chicago, Ill., Burns and Roe, Inc., New York, N.Y.) [Processed.] Φ Paper, $2.75.

4477 GA-2802. High-energy neutron-induced changes in carbon and graphite, review [with list of references]; by Glen B. Engle. Sept. 20, 1962. cover title, [1]+x+100 p. il. 4° (General Atomic Division, General Dynamics Corporation, San Diego, Calif.) [Processed.] Φ Paper, $2.25.

4478 GEAP-4026. In-core instrumentation development, 1st topical report, task 2, phase 1, telemetering; by A. C. Duckart. Mar. 15, 1962. cover title, iii+30 p. il. 4° (Atomic Power Equipment Department, General Electric Company, San Jose, Calif.) [Processed.] Φ Paper, 75c.

4479 HASL-132. Health and Safety Laboratory fallout program quarterly summary report (Sept. 1-Dec. 1, 1962) [with bibliographies]; prepared by Edward P. Hardy, jr., Joseph Rivera, William R. Collins, jr. Jan. 1, 1963. vi+254 p. il. 4° (Environmental Studies Division, New York Operations Office.) [Processed.] Φ Paper, $3.50.

4480 MATT-142. Detection and location of cavitation [with list of references]; by C. P. Kittredge. Aug. 1962. cover title, [1]+39 p. il. 4° (Plasma Physics Laboratory, Princeton University, Princeton, N.J.) [Processed.] Φ Paper, $1.00.

4481 MATT-148. Determination of diffusivity and solubility in 2 phase systems [with list of literature cited]; by F. W. Camp, E. F. Johnson. Sept. 1962. cover title, [1]+34 p. il. 4° (Plasma Physics Laboratory, Princeton University, Princeton, N.J.) [Processed.] Φ Paper, 75c.

4482 MITNE-21. Irradiation of Santowax OMP in M.I.T. in-pile loop: pt. 1, Summary to Oct. 5, 1961 [with list of references]; by D. T. Morgan, E. A. Mason. May 1962. cover title, xii+120+8 p. il. 4° (Department of Nuclear Engineering, Massachusetts Institute of Technology, Cambridge, Mass.) [Processed.] Φ Paper, $2.75.

4483 MITNE-22 (bk. 1, 2). Same: pt. 2, Equipment design, procedures and results of irradiation to Oct. 5, 1961 [with lists of references]; by D. T. Morgan, E. A. Mason. May 1962. 2 bks., cover titles, xiii+[609] p. il. 4° (Department of Nuclear Engineering, Massachusetts Institute of Technology, Cambridge, Mass.) [Processed.] Φ Paper, $7.50 per set of 2 books.

4484 NBS-7582. Metallic reactions in uranium recovery, summary report [with list of references]; by John J. Park. Aug. 2, 1962. cover title, [1]+18 p. il. 4° (U.S. Department of Commerce, National Bureau of Standards, Washington 25, D.C.) [Processed.] Φ Paper, 50c.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

AEC research and development reports—Continued

4485 NP-11896. Civil engineering bibliography on design and construction of nuclear facilities, compiled by American Society of Civil Engineers, Committee on Construction of Nuclear Facilities; edited by Richard J. Smith. Dec. 1962. cover title, iv+[1]+66 p. 4° [Processed.] Φ Paper, $1.75.

4486 NYO-10412. Study of effects of sub-sterilization doses of radiation on storage life extension of soft-shelled clams and haddock fillets, final summary, May 1961-May 1962 [with bibliography]; by John T. R. Nickerson, Samuel A. Goldblith, Edmund B. Masurovsky. Dec. 1962. cover title, v+[87] p. il. 4° (Department of Nutrition and Food Science, Massachusetts Institute of Technology, Cambridge, Mass.) [Processed.] Φ Paper, $2.00.

4487 TID-3714. Informal listing of bibliographies of atomic energy literature, bibliographies issued or in progress during period, Oct.-Nov. 1962. [1962.] cover title, [4]+24 p. 4° (Division of Technical Information Extension.) [Processed.] †

4488 TID-7625. Technical papers of 13th metallographic group meeting, held Jan. 14 and 15, 1959, at Armour Research Foundation of Illinois Institute of Technology, Chicago, Ill.; compiled by H. P. Roth. Nov. 1962. 62 p. il. 4° (Nuclear Metals, Inc., Concord, Mass.) [Processed.] Φ Paper, $1.50.

4489 TID-7640. Isotope technology development program, 4th annual contractors meeting, conducted at Oak Ridge National Laboratory, Oak Ridge, Tenn. [Dec. 3 and 4, 1962, articles]. [1962.] cover title, [1]+v+82 leaves, 4° (Oak Ridge National Laboratory operated by Union Carbide Corporation.) [Processed. Sponsored by Isotopes Development Center of ORNL and Division of Isotopes Development.] Φ Paper, $2.00.

4490 TID-8213. Development of depleted-uranium catalysts for destruction of air pollutants in automobile exhaust [with list of references]. [Jan. 1963.] cover title, iv+44 p. il. 4° [Processed.] Φ Paper, $1.00.

4491 TID-16315 (Del.). Advance nuclear rocket materials research; [by Merrill J. Whitman]. May 31, 1962. cover title, 1+5 p. 4° (Division of Reactor Development.) [Processed.] Φ Paper, 50c.

4492 TID-16847. Fuel bearing fiberglas in aluminum-base fuel elements, final report [with list of references]; by R. H. Baskey. June 1962. cover title, x+96 p. il. 4° (Mechanical Research Division, Clevite Corporation, Cleveland, Ohio.) [Processed.] Φ Paper, $2.25.

4493 TID-16999. Radiation stability of organic fluids, California research, AEC report no. 17, progress report Apr. 1 to June 30, 1962 [with list of references]; by R. O. Bolt [and others]. Sept. 21, 1962. cover title, [1]+ii+40 p. il. 4° (California Research Corporation, Richmond, Calif.) [Processed.] Φ Paper, $1.00.

4494 TID-17226. Bioenvironmental features of Ogotoruk Creek area, Cape Thompson, Alaska [including predictions and assessments of effects of nuclear detonations proposed for excavation experiment] 2d summary [with list of references]; by Committee on Environmental Studies for Project Chariot. Oct. 1962. cover title, xi+183 p. il. 4° (Plowshare Program.) [Processed.] Φ Paper, $2.75.

4495 UCRL-5484 (Del.). Tory II-A, nuclear ramjet test reactor [with list of references]; edited by W. Hadley. Nov. 4, 1959. cover title, [277] p. il. 4° (Lawrence Radiation Laboratory, University of California, Livermore, Calif.) [Processed.] Φ Paper, $3.50.

4496 UCRL-13052. Frictional characteristics of various alloys and coatings at elevated temperatures, report to Lawrence Radiation Laboratory. Sept. 21, 1962. cover title, [1]+xix+165 p. il. 4° (Southern Research Institute, Birmingham, Ala.) [Processed.] Φ Paper, $2.75.

4497 UNC-5008-11. Investigation of wet steam as reactor coolant (CAN-2), conceptual design evaluation of fog-cooled light water reactor (v. 2, final report) [with list of references]; by M. Raber [and others]. Aug. 10, 1962. cover title, xii+116 p. il. 4° (Development Division—NDA, United Nuclear Corporation, White Plains, N.Y.) [Processed.] Φ Paper, $2.50.

•For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4498 AEC technical information bulletin, no. 6; Dec. 1962. [1962.] cover title, 28 p. 4° (Division of Technical Information.) [Processed.] †
Y 3.At 7: 28-3/6

4499 Future of Nation's atomic power program, remarks by James T. Ramey, Commissioner, Atomic Energy Commission, at Engineering & Operations Workshop, American Public Power Association, Phoenix, Ariz., Jan. 31, 1963. [1963.] 15 leaves, 4° [Processed.] † Y 3.At 7: 34 R 14/2

4500 Missions for nuclear rockets, remarks by Harold B. Finger, manager, Space Nuclear Propulsion Office, AEC-NASA and director, Nuclear Systems, NASA at 31st annual meeting of Institute of Aerospace Sciences, New York City, Jan. 23, 1963. [1963.] 11 leaves, 4° (S-5-63; Atomic Energy Commission, National Aeronautics & Space Administration.) [Processed.] † Y 3.At 7: 34 F 49

4501 Uranium industry and its potential market, remarks by Jesse C. Johnson, director, Division of Raw Materials, Atomic Energy Commission, at National Western Mining Conference, Denver, Colo., Feb. 8, 1963. [1963.] 9 leaves, 2 pl. 4° [Processed.] † Y 3.At 7: 34 J 63/5

AVIATION MEDICAL SERVICE, Federal Aviation Agency

Civil Aeromedical Research Institute: [reports]. [Processed.] † Civil Aeromedical Research Institute, Oklahoma City, Okla.
FAA 7.10: (nos.)

4502 62-16. Absolute identifications of cutaneous stimuli varying in both intensity level and duration [with list of references; by] Glenn R. Hawkes. Sept. 1962. [1]+6 p. il. 4° (Aeromedical Research Division, Sensory Psychology Section.)

4503 62-18. Effect of increased venous pressure on renal hemodynamics [with list of references; by] Lerner B. Hinshaw [and others]. Oct. 1962. [1]+12 p.+[2] leaves, il. 4° (Aeromedical Research Institute.)

4504 62-19. Case of survival of extreme vertical impact in seated position [with list of references; by] Richard G. Snyder. Oct. 1962. [1]+15 p.+[2] leaves, il. 4° (Aeromedical Research Division, Protection and Survival Branch.)

4505 62-20. Civil aeromedical research, responsibilities, aims, and accomplishments [with list of references; by] Stanley R. Mohler. Oct. 1962. [3]+18 p.+[2] leaves, 4° (Aeromedical Research Division.)

BUDGET BUREAU, Executive Office of the President

4506 Special report on unemployment statistics, meaning and measurement; by Raymond T. Bowman and Margaret E. Martin. Oct. 1961. [3]+18 p. il. 4° (Office of Statistical Standards.) [Processed.] †
L.C. card 63-60718 PrEx 2.2: Un 2

BUSINESS AND DEFENSE SERVICES ADMINISTRATION, Commerce Dept.

4507 Armed Services Technical Information Agency, Office of Technical Services, correlation index of technical reports (AD-PB reports). Mar. 1958. cover title, 184 p. 4° Φ Paper, $3.00 (PB 151567S).
L.C. card 63-60669 C 41.23/4: Ar 5/2

4508 Atomic Energy Commission research reports for sale by Office of Technical Services, price list 39; Feb. 1963. [1963.] 62+[2] p. 4° [Supersedes all previous price lists.] † ● Item 215-R C 41.29: 39

Business reports of Department of Commerce. (Office of technical Services.) [Processed.] †

4509 Commercial standards, classified list revised to Jan. 1, 1963, Commodity Standards Division, catalog 978. Jan. 1963. 12 p. 4° C 41.8: C 73/2/963

4510 Simplified practice recommendations, classified list revised Jan. 1, 1963, Commodity Standards Division, catalog 979. Jan. 1963. 7 p. 4° C 41.8: Si 5/963

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Commercial standard CS (series). (Office of Technical Services, Commodity Standards Division.) [Prepared with cooperation of National Bureau of Standards.] ● Item 243 C 41.25: (nos.)

4511 45–60. Douglas fir plywood, amendment 4. [1963.] 1 p. 4° (TS–5617.) [Effective date Mar. 1, 1963.] †

4512 122–60. Western softwood, amendment 5. [1963.] 1 p. 4° (TS–5618.) [Effective date Mar. 1, 1963.] †

4513 248–62. Vinyl-coated glass fiber insect screening and louver cloth, recorded voluntary standard of trade. [1963.] 14 p. [Effective Nov. 26, 1962.] * Paper, 10c.

[Economic reports] ER (series). [Processed.] † C 41.42: (nos.)

4514 62–6. Fruit and vegetable canning industry outlook for 1963 and review of 1962. Jan. 15, 1963. 2 p. 4° (Food Industries Division.)

4515 62–7. Power, distribution, and specialty transformer industry, outlook for 1963 and review of 1962. Jan. 25, 1963. 2 p. 4° (Power and Electrical Equipment Division.)

4516 62–11. Folding carton industry, outlook for 1963 and review of 1962. Jan. 25, 1963. 2 p. 4° (Containers and Packaging Division.)

4517 62–12. Motor and generator industry, outlook for 1963 and review of 1962, summary. Jan. 25, 1963. 3 p. 4° (Power and Electrical Equipment Division.)

4518 62–13. Boiler shop products industry, outlook for 1963 and review of 1962. Feb. 18, 1963. 4 p. il. 4° (Power and Electrical Equipment Division.)

4519 62–16. Cosmetics industry, outlook for 1963 and review of 1962. Jan. 23, 1963. 2 p. 4° (Chemical and Rubber Division.)

4520 62–17. Fibre box container industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 3 p. 4° (Containers and Packaging Division.)

4521 62–18. Chemicals and allied products industries, outlook for 1963 and review of 1962. Jan. 23, 1963. 3 p. 4° (Chemical and Rubber Division.)

4522 62–19. Glass container industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 2 p. 4° (Containers and Packaging Division.)

4523 62–21. Iron and steel industry, outlook for 1963 and review of 1962. Jan. 18, 1963. 3 p. 4° (Iron and Steel Division.)

4524 62–22. Air-conditioning and refrigeration equipment industry, outlook for 1963 and review of 1962. Jan. 14, 1963. 2 p. 4° (General Industrial Equipment and Components Division.)

4525 62–23. Household furniture industry, outlook for 1963 and review of 1962. Jan. 15, 1963. 4 p. 4°

4526 62–24. Particleboard industry, outlook for 1963 and review of 1962. Jan. 28, 1963. 2 p. 4° (Forest Products Division.)

4527 62–25. Magnesium industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 2 p. 4° (Aluminum and Magnesium Division.)

4528 62–26. Ferrous castings industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 2 p. 4° (Iron and Steel Division.)

4529 62–27. Games, toys, and children's vehicles industry, outlook for 1963 and review of 1962. Jan. 25, 1963. 4 p. 4° (Consumer Durables Division.)

4530 62–30. Hardboard industry, outlook for 1963 and review of 1962. Jan. 28, 1963. 3 p. 4° (Forest Products Division.)

4531 62–31. Steel forging industry, outlook for 1963 and review of 1962. Jan. 31, 1963. 2 p. 4° (Iron and Steel Division.)

4532 62–32. Pumps, compressors, and industrial fans and blowers industry, outlook for 1963 and review of 1962. Feb. 8, 1963. 2 p. 4° (General Industrial Equipment and Components Division.)

4533 62–33. Tire and tube industry, outlook for 1963 and review of 1962. Feb. 15, 1963. 3 p. 4° (Chemical and Rubber Division.)

4534 62–35. Plastics materials industry, outlook for 1963 and review of 1962. Feb. 14, 1963. 3 p. 4° (Chemical and Rubber Division.)

4535 62–36. Copper mill (brass mill) industry, outlook for 1963 and review of 1962. Jan. 28, 1963. 3 p. 4° (Copper Division.)

4536 62–37. Primary zinc industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 2 p. 4° (Miscellaneous Metals and Minerals Division.)

4537 62–38. Malt liquor industry, outlook for 1963 and review of 1962. Feb. 11, 1963. 2 p. 4° (Food Industries Division.)

4538 62–40. Book publishing industry, outlook for 1963 and review of 1962. Jan. 28, 1963. 2 p. 4° (Printing and Publishing Division.)

4539 62–42. Communications equipment manufacturing industry, outlook for 1963 and review of 1962. Jan. 21, 1963. 2 p. 4° (Communications Industries Division.)

4540 62–43. Domestic telephone communications operating industry, outlook for 1963 and review of 1962. Jan. 24, 1963. 2 p. 4° (Communications Industries Division.)

4541 62–45. Metal can industry, outlook for 1963 and review of 1962. Jan. 25, 1963. 3 p. 4° (Containers and Packaging Division.)

4542 62–47. Soap and synthetic detergent industries, outlook for 1963 and review of 1962. Jan. 28, 1963. 2 p. 4° (Chemical and Rubber Division.)

4543 62–48. Cigarette industry, outlook for 1963 and review of 1962. Feb. 7, 1963. 2 p. 4° (Food Industries Division.)

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4544 62-50. Periodical publishing industry, outlook for 1963 and review of 1962. Jan. 30, 1963. 2 p. 4° (Printing and Publishing Industries Division.)

4545 62-52. Machine tool industry, outlook for 1963 and review of 1962. Feb. 13, 1963. 4 p. 4° (Metal-working Equipment Division.)

4546 62-53. Railroad freight car industry, outlook for 1963 and review of 1962. Feb. 18, 1963. 4 p. 4° (Transportation Equipment Division.)

4547 62-55. Oil field machinery and equipment industry, outlook for 1963 and review of 1962. Feb. 14, 1963. 2 p. 4° (Agricultural, Construction, Mining and Oil Field Equipment Division.)

4548 62-56. Automobile industry, outlook for 1963 and review of 1962. Jan. 17, 1963. 5 p. 4° (Transportation Equipment Division.)

4549 62-59. Printing machinery industry, outlook for 1963 and review of 1962. Feb. 12, 1963. 2 p. 4° (General Industrial Equipment and Components Division.)

4550 62-60. Material handling equipment industry, outlook for 1963 and review of 1962. Feb. 8, 1963. 2 p. 4° (General Industrial Equipment and Components Division.)

4551 62-66. Softwood plywood industry, outlook for 1963 and review of 1962. Feb. 11, 1963. 3 p. 4° (Forest Products Division.)

4552 New Atomic Energy Commission research reports available from OTS. Nov. 30, 1962. 4 leaves, 4° (Office of Technical Services.) [Processed.] †
C 41.23/4 : At 7/962-2

OTS selective bibliography SB (series). (Office of Technical Services.) [Processed. Bibliographies of reports listed in U.S. Government research reports and Technical translations.] C 41.21/3 : (nos.)

4553 403. Food preservation by irradiation. [Revised May 1962.] [1962.] 11 p. 4° † Paper, 10c.

4554 500. Ultrasonics (supplement to CTR-288). [Sept. 1962.] 26 p. 4° Φ Paper, 10c.

Simplified practice recommendation R (series). [Issued by Office of Technical Services, Commodity Standards Division, with cooperation of National Bureau of Standards.] ● Item 249 C 41.20 : (nos.)

4555 2-62. Bedding products and components (mattresses, springs, bedsteads and cots), recorded voluntary recommendation of trade. [1963.] 22 p. il. [Effective Nov. 1, 1962. Supersedes R2-57.] * Paper, 15c.

4556 6-63. Standard stock sizes of American pattern, and curved milled tooth files and rasps, recorded voluntary recommendation of trade. [7th edition.] [1963.] 24 p. il. [Effective Jan. 31, 1963. Supersedes R6-47.] * Paper, 15c.

4557 247-62. Packaging, marking, and loading methods for steel products for domestic shipment [recorded voluntary recommendation of trade], amendment 1. Dec. 27, 1962 [published 1963]. [1]+49-50 p. il. 4° †

4558 United States lumber imports, 1961. Dec. 1962. 5 p. 4° (Forest Products Division.) * Paper, 10c. C 41.101/2 : 961

BUSINESS ECONOMICS OFFICE, Commerce Dept.

4559 Balance of payments [of United States, 1870-1961] statistical supplement [with list of related publications and articles; compiled in Balance of Payments Division]. Revised edition. [1963.] xi+1-1a+2-260 p. 4° [Supplement to Survey of current business.] * Paper, $1.25. ● Item 228
L.C. card 23-26806 C 43.8/3 : P 29/870-961

CENSUS BUREAU, Commerce Dept.

4560 Amended announcement and order form, 1960 census of housing, components of inventory change, v. 4, pt. 2, final report, series HC(4), announcement 11 Ha. [Dec. 28, 1962.] [5] p. narrow 8° (Form 60-33-175.) [Processed.] † C 3.223/3 : 960/11 Ha

4561 Announcement and order form, annual survey of manufacturers 1961, data on shipments of products, value added by manufacture, employment, payrolls, and man-hours, cost of materials, fuels, electric energy, expenditures for new plant and equipment, manufacturers' inventories. [Jan. 4, 1963.] [4] p. 4° folded into narrow 8° size. (Form 25-137.) [Processed.] † C 3.24/10 : 961

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

1961 annual survey of manufactures, (series) M61(AS). [Processed.]
C 3.24/9: M 61(AS)-(nos.)

4562 1. Change sheet, General statistics for industry groups and selected industries. Jan. 1963. 1 p. 4° †

4563 2. Value of shipments of selected classes of products, for United States, 1958–61, Change sheet. Jan. 1963. 1 p. 4° †

4564 3. Value of manufacturers' inventories. [Jan. 1963.] iii+19 p. 4° † Paper, 10c.

4565 4.2. Statistics for States, standard metropolitan statistical areas, and large industrial counties: pt. 2, Middle Atlantic, New York, New Jersey, Pennsylvania. [Dec. 1962.] iii+29+3 p. il. 4° † Paper, 25c.

4566 4.3. Same: pt. 3, East North Central, Ohio, Indiana, Illinois, Michigan, Wisconsin. [Jan. 1963.] iii+37+A3 p. il. 4° † Paper, 25c.

4567 4.4. Same: pt. 4, West North Central, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, Kansas. [Jan. 1963.] iii+23+3 p. il. 4° † Paper, 25c.

4568 4.5. Same: pt. 5, South Atlantic, Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida. [Jan. 1963.] iii+31+3 p. il. 4° † Paper, 25c.

4569 4.6. Same: pt. 6, East South Central, Kentucky, Tennessee, Alabama, Mississippi. [Jan. 1963.] iii+17+3 p. il. 4° † Paper, 25c.

4570 4.7. Same: pt. 7, West South Central, Arkansas, Louisiana, Oklahoma, Texas. [Feb. 1963.] iii+19+3 p. il. 4° † Paper, 25c.

4571 4.8. Same: pt 8, Mountain, Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada [Feb. 1963.] iii+21+3 p. il. 4° † Paper, 25c.

4572 5. Fuels and electric energy used, by major industry groups, and by divisions and States. [Jan. 1963.] iii+17 p. 4° † Paper, 25c.

4573 1958 census of business final publications and their contents. [Oct. 15, 1962.] 6 p. 4° [Processed. Supersedes list dated Aug. 1, 1962.] †
C 3.202: P 96/4

4574 1960 census of housing taken as part of 18th decennial census of United States: v. 5, Residential finance, pt. 1, Homeowner properties, data on mortgaged and non-mortgaged properties, owners, and mortgages for United States, regions, and selected metropolitan areas. [1963.] xxix+416 p. il. 4° [Prepared under supervision of Daniel B. Rathbun, chief, Housing Division.] * Cloth $4.00. ● Item 155
L.C. card A61-9347 C 3.224/7: 960/pt. 1

1960 census of population: Supplementary reports, PC (S1) (series). [Processed.] C 3.223/12: 960/(nos.)

4575 40. Occupation of experienced civilian labor force and labor reserve, 1960. Dec. 31, 1962. 18 p. 4° † Paper, 25c.

4576 41. Place of work and means of transportation to work 1960. Jan. 30, 1963. 9 p. 4° † Paper, 10c.

4577 County and city data book, 1962 [Statistical abstract supplement], errata sheet. Jan. 23, 1963. 1 p. 4° [Processed.] † ● Item 151
C 3.134/2: C 83/2/962/errata

4578 Current industrial reports: Change sheet, Farm machines and equipment, 1961. Jan. 24, 1963. 1 p. 4° (Series M35A (61)-5.) [Processed.] †
C 3.158: M 35 A(61)-5/ch.

4579 —— Change sheet, Pulp, paper, and board, 1961. Nov. 14, 1962. 1 p. 4° (Series M26A(61)-13.) [Processed.] † C 3.158: M26A(61)-13/2/ch.

4580 —— Consumption on woolen and worsted systems, summary for 1961; prepared by Industry Division, Textiles. Jan. 25, 1963. 6 p. 4° (Series M22D(61)-13.) [Processed.] † Paper, 10c. C 3.158: M 22 D(61)-13

4581 —— Cotton, man-made fiber staple, and linters, summary for cotton season 1961–1962; prepared by Industry Division, Textiles Section. Jan. 21, 1963. 5 p. 4° (Series M22P(62)-13.) [Processed.] † Paper, 10c.
C 3.158: M 22 P(62)-13

4582 —— Flat glass, 4th quarter 1962 and summary for 1962; prepared by Bureau of Census, Industry Division, and Business and Defense Services Administration, Consumer Durables Division. Feb. 12, 1963. [2] p. 4° (Series BDSAF-375(62)-4.) [Processed.] † Paper, 10c.
C 3.158: BDSAF-375(62)-4

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4583 —— Household furniture and bedding products, 1961; prepared by Industry Division, Lumber and nonmetallic Minerals Section. Feb. 8, 1963. 7 p. 4° (Series M25D(61)-1.) [Processed.] † Paper, 10c.
C 3.158: M 25 D (61)-1

4584 —— Pulp, paper, and board, summary for 1962 (preliminary); prepared by Industry Division, Paper, Printing, and Publishing Section. Feb. 15, 1963. [2] p. 4° (Series M26A(62)-13.) [Processed.] † Paper, 10c.
C 3.158: M 26 A (62)-13/prelim.

Current population reports: Series P-20, Population characteristics. [Processed.] C 3.186: P-20/(nos.)

4585 120. Decline in rate of increase in school enrollment. Jan. 10, 1963. 2 p. 4° † Paper, 10c.

4586 121. Educational attainment, Mar. 1962. Feb. 7, 1963. 9 p. il. 4° † Paper, 10c.

—— Series P-23. [Processed.]

4587 8. Estimates of illiteracy, by States, 1960. Feb. 12, 1963. 2 p. 5° † Paper, 10c. C 3.186: P-23/8

—— Series P-25, Population estimates. [Processed.]
C 3.186: P-25/(nos.)

4588 261. Estimates of population of United States Jan. 1, 1950-Dec. 1, 1962. Jan. 17, 1963. 2 p. 4° † Paper, 10c.
L.C. card 52-2170

4589 262. Estimates of population of United States, Jan. 1, 1950 to Jan. 1, 1963. Feb. 15, 1963. 2 p. 4° † Paper, 10c.

—— Series P-28, Special censuses. [Processed.] C 3.186: P-28/(nos.)

4590 1315. Summary of special censuses and of 1960 population of areas annexed to municipalities, Oct. 1-Dec. 31, 1962. Jan. 30, 1963. 2 p. 4° † Paper, 10c.

4591 1316. Summary of special censuses and of 1960 population of areas annexed to municipalities, Jan. 1 to Dec. 31, 1962. Feb. 6, 1963. 3 p. 4° † Paper, 10c.

4592 U.S. census of agriculture, 1959: General report, v. 2, Statistics by subjects. [1962, published 1963.] lxxi+1485 p. il. 4° [Prepared under supervision of Ray Hurley, chief, Agriculture Division.] * Cloth, $9.00. ● Item 152
L.C. card A 60-9482 C 3.31/9: 959/v.2

U.S. census of housing, 1960: Components of inventory change, final report HC(4), pt. 2, 1957-59 components. [Prepared under supervision of Daniel B. Rathbun, chief, Housing Division. Preprints from v. 4, Components of inventory change.] ● Item 155
L.C. card A 61-9347 C 3.224/6: 960/pt.2-(nos.)

4593 pt. 2-6. Detroit, Mich., standard metropolitan statistical area. [1963.] vi+28 p. il. 4° * Paper, 40c.

4594 pt. 2-9. Philadelphia, Pa.-N.J., standard metropolitan statistical area. [1963.] vi+28 p. il. 4° * Paper, 40c.

4595 U.S. commodity exports and imports as related to output, 1961 and 1960, series ES 2, no. 4. [1963.] iii+86 p. il. 4° * Paper, 55c. ● Item 160-B
L.C. card A 62-9090 C 3.229: 4

CHILDREN'S BUREAU, Health, Education, and Welfare Dept.

4596 Creating experience opportunities for youth to achieve more responsible role in society for self and social identity for realizing American goals, report of Joint Conference on Children and Youth, Apr. 10-12, 1962, Washington, D.C., sponsored by National Committee for Children and Youth, Council of National Organizations for Children and Youth, Interdepartmental Committee on Children and Youth, National Council of State Committees for Children and Youth. 1962 [published 1963]. [3]+102 p. 4° † ● Item 452
L.C. card HEW 63-22 FS 3.202: Y 8/2

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Headliner series. ● Item 452-B

4597 1. Creative life for your children; [by] Margaret Mead. 1962 [published 1963]. [5]+41 p. il. 4° * Paper, 35c.
L.C. card HEW 63-18 FS 3.224:1

4598 Proposed program to combat mental retardation, highlights from report of President's Panel on Mental Retardation; [by] Rudolf P. Hormuth. [1963.] p. 29-31, 4° [Processed. From Children, Jan.-Feb. 1963.] †
FS 3.207/2a:M 52/3

Statistical series. † ● Item 454 FS 3.214:(nos.)

4599 68. Maternal and child health services, 1960; [by] Thomas H. Smith. 1962 [published 1963]. [4]+35 p. il. 4°

4600 69. Juvenile court statistics, 1961. 1962. [3]+24 p. il. 4°
L.C. card L 29-155

4601 Training of child welfare workers for placement responsibilities, report of subcommittee of Citizens' Committee on Adoption of Children in California; [prepared by members of subcommittee on Training of Social Workers for Field of Child Welfare]. 1953, reissued 1963. [4]+13 p. 4° [Processed.] † FS 3.202:C 43/9

CIVIL AERONAUTICS BOARD

4602 Aircraft accident report: American Airlines, Inc., Boeing 707-123B, N 7506A, Jamaica Bay, Long Island, N.Y., Mar. 1, 1962, adopted Jan. 11, 1963. Jan. 15, 1963. 28+ii p. 2 pl. 4° (SA-366, File no. 1-0001.) [Processed.] † C 31.213:J 22/4

4603 Civil Aeronautics Board reports: v. 30, Economic and safety enforcement cases of Civil Aeronautics Board, Oct. 1959-Apr. 1960. 1962. xxi+1812 p. il. * Cloth, $5.50. ● Item 179
L.C. card 42-38246 C 31.211:30

CIVIL DEFENSE OFFICE, Defense Dept.

4604 [This entry number not used.]

4605 Family guide emergency health care, reference guide for students of medical self-help training course. [Revised 1963.] [1963.] cover title, iv+92 p. il. [Prepared in cooperation with Public Health Service, Health, Education, and Welfare Dept. Text on p. 3 of cover. Last 3 pages are left blank for notes.] † ● Item 857-D-8
L.C. card 63-60578 D 13.8:H 34/963

Instructor's guide IG (series).

4606 16.1. Shelter management, instructor's guide [with lists of references]. Jan. 1963. cover title, [1]+v+[66] p. 4° [For instruction purposes only. Issued with perforations.] † ● Item 857-D-12
L.C. card 63-60635 D 13.8/7:16.1

Professional guide PSD-PG (series). (Protective Structures Division.) †

4607 80-10. Catalog of shelter components; [prepared by engineering firm of Hayes, Seay, Mattern and Mattern]. Nov. 1962. cover title, [113] p. il. 4° (Technical Operations Directorate.) [Issued with perforations. Revision of Preliminary systems and components catalog prepared by Civil Defense Office and issued by Office of Chief of Engineers, Army, Apr. 16, 1962, for use in national fallout shelter survey.] ● Item 320-B-3
L.C. card 63-60609 D 13.8/6:80-10

4608 School shelter guide for school administrators, professional education and school board members; [by George J. Collins]. [Feb. 1963.] cover title, [32] p. il. oblong 12° [Another illustration and text on p. 1 and 2 of cover.] † ● Item 857-D-8 D 13.8:Sch 6

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

CIVIL RIGHTS COMMISSION

4609 Freedom to the free, 1863 century of emancipation 1963, report to the President [with bibliography]. [1963.] viii+246 p. * Paper, $1.00. ● Item 288-A
L.C. card 63-60591 CR 1.1 : 963

CIVIL SERVICE COMMISSION

4610 Amendment to announcement 88 B, resident in hospital administration ($3400 a year). Feb. 12, 1963. 1 p. oblong 48° [Processed.] †
CS 1.26 : 956/88 B/amdt.-3

4611 Amendment to announcement 221 B, dietitian (grades GS-5—GS-10). Jan. 29, 1963. 1 p. oblong 24° [Processed.] †
CS 1.26 : 960/221 B/amdt.-2

4612 Amendment to announcement 254B, surveying aid and technician. Feb. 12, 1963. 1 p. oblong 48° [Processed.] † CS 1.26 : 961/254 B/amdt

4613 Amendment to announcement 262B, recreation specialist (grades GS-5 through GS-12). Feb. 12, 1963. 1 p. oblong 16° [Processed.] †
CS 1.26 : 961/262 B/amdt.-3

4614 Amendment to announcement 278B, education specialist, supervisory education specialist, education officer (grades GS-9 through GS-12). Jan. 29, 1963. 1 p. oblong 48° [Processed.] † CS 1.26 : 962/278 B/amdt.-2

4615 Announcing examination for agricultural commodity grader (meat) for duty with Department of Agriculture, Agricultural Marketing Service, salaries, grade GS-7, $5540, grade GS-9, $6675, announcement 300B. Feb. 19, 1963. 6 p. 4° [No closing date.] † CS 1.26 : 963/300 B

4616 Announcing examination for bindery worker $2.09 an hour, for duty in Government Printing Office, Washington 25, D.C., announcement 38B. Nov. 22, 1955, revised Oct. 1962. [1962.] 6 p. narrow 8° † ● Item 292 CS 1.26 : 955/38 B/rev.-2

4617 79th annual report, fiscal year 1962. [1963.] viii+154 p. il. [Title on cover reads: 1962 annual report, United States Civil Service Commission. Errata, 1 p., was issued also. Also issued as H. doc. 13, 88th Cong., 1st session.] * Paper, 60c. ● Item 290
L.C. card 4-18119 CS 1.1 : 962

4618 Civil service retirement act, as amended to Oct. 11, 1962. [1963.] 30 p. * Paper, 15c. ● Item 297
L.C. card 42-37996 CS 1.7/2 : R 31/8/962

4619 Current Federal examination announcements, AN-2279, issue 152, Mar.-Apr. 1963. [1963.] [2] p. f° folded into narrow 8° size. † ● Item 292 CS 1.28 : 2279/152

4620 —— AN-2279, supp. B to issue 151, Jan.-Feb. 1963. [1963.] 1 p. oblong 48° † ● Item 292 CS 1.28 : 2279/151/supp.B

4621 Discontinuance notice for announcement 63B, architect (grades GS-9 through GS-13). Feb. 18, 1963. 1 p. oblong 48° [Processed.] †
CS 1.26 : 956/63 B/notice

4622 Discontinuance notice for announcement 217B, aviation safety officer (GS-7 through GS-12), airplane pilot (GS-9 through GS-13). Jan. 29, 1963. 1 p. oblong 48° [Processed. Amends issue 151 of AN 2279.] †
CS 1.26 : 962/271 B/notice

4623 Federal career directory, guide for college students. [1962.] viii+84 p. il. 4° * Paper, 60c. ● Item 296-B
L.C. card 63-60383 CS 1.7/4 : C 18/962

***For Sale by Superintendent of Documents**
Φ For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

677108 O—63—No. 818——3

4624 Instructions to applicants for 4th-class postmaster examinations, AN 1759: Nov. 1962. [1963.] [1]+8 p. † ● Item 292 CS 1.28: 1759/7

4625 Interagency training programs, spring 1963. [1963.] xi+153 p. (Office of Career Development.) † ● Item 296-A
L.C. card 61-60371 CS 1.65: 963

4626 New salary rates for scientist administrators and grants associates, amdt. 4 to announcement 227 B. Oct. 1962. 1 p. 4° (Board of Civil Service Examiners, National Institutes of Health, Bethesda 14, Md.) [Processed. Supersedes amdt. 3, Feb. 23, 1963.] †
CS 1.26: 960/227 B/amdt.4

Pamphlets. ● Item 299 CS 1.48: (nos.)

4627 29. Federal jobs overseas. Dec. 1962. 10 p. il. narrow 8° * Paper, 10c.
4628 45. Summer employment in Federal agencies. Jan. 1963. 31 p. il. narrow 8° * Paper, 15c.
4629 47. Way to job in Government; Jan. 1963. [1963.] [6] p. il. narrow 8° * Paper, 5c.

4630 Sample questions and directions, AN 3627. Jan. 1963. [2] p. il. 4° † ● Item 292 CS 1.28: 3627

4631 United States Civil Service Commission announces examination for architect, $5,365-$12,845 a year (grades GS-5 through GS-14), apply to Executive Secretary, Central Board of United States Civil Service Examiners, Veterans Administration, Washington 25, D.C., announcement 299B. Feb. 19, 1963. 4 p. 4° [No closing date.] † ● Item 292
CS 1.26: 963/299 B

CIVIL WAR CENTENNIAL COMMISSION

4632 Free homesteads for all Americans, Homestead act of 1862 [with additional readings on free homesteads]; by Paul W. Gates. 1962 [published 1963]. 11 p. narrow 8° † ● Item 1053-A Y 3.C 49/2: 2H 75

COAST AND GEODETIC SURVEY, Commerce Dept.

Magnetograms and hourly values, MHV (series). [Processed. For official distribution]. ‡

4633 Ho59. Honolulu, Hawaii, 1959 [with list of references]. 1962. [2]+146 p. il. large 8°
L.C. card 54-61086 C 4.40/2: Ho 59
4634 SJ59. San Juan, P.R., 1959 [with list of references]. 1962. [2]+133 p. il. large 8°
L.C. card 54-61085 C 4.40/2: SJ 59

Special publication. ● Item 193

4635 291. Plane coordinate projection tables, Louisiana. Revised edition. 1962. 32 p. il. 4° * Paper, 25c.
L.C. card 51-60311 C 4.19: 291/2

4636 2d supplement to United States coast pilot 1, Atlantic Coast, Eastport to Cape Cod, 6th (Mar. 26, 1960) edition; Jan. 5, 1963. [1963.] 12 p. 4° [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 5, 1963.] † ● Item 203
L.C. card 51-60958 C 4.6/1: 1/6/supp.2

4637 8th supplement to United States coast pilot 9, Alaska: Cape Spencer to Arctic Ocean, 6th (Nov. 6, 1954) edition, Jan. 5, 1963. [1963.] 40 p. [Changes reported to C&GS from date of edition through Notice to mariners 1 of Jan. 5, 1963.] † ● Item 202 C 4.7/3: 9/supp.8

COAST GUARD, Treasury Dept.

4638 Career in Coast Guard for licensed officers of merchant marine. [1962.] [20] p. il. ([CG-231 (8-62).]) † ● Item 934 T 47.2: Of 2/2/962

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

4639 Equipment lists, items approved or accepted under Marine inspection and navigation laws; Apr. 2, 1962. [1963.] cover title, x+104+W105 p. (CG-190.) [All listings in this pamphlet have been issued in Federal register or Proceedings of Merchant Marine Council. Replaces Apr. 1, 1960 edition.] † ● Item 933-A
L.C. card 63-60708 T 47.51 : Eq 5/962

4640 List of lights and other marine aids: v. 1, Atlantic Coast of United States, from St. Croix River, Maine, to Little River, S.C., 1st, 3d, and 5th Coast Guard districts, Nov. 3, 1962 (including N.M. no. 44 of 1962). 1963. xxii+544+19 p. il. 2 maps, 4° (CG-158.) [Edge index and how to use on p. 4 of cover. Some illustrations are colored. Some pages are left blank to be used for notes. Another map on p. 2 of cover.] * Paper, $3.50. ● Item 936
L.C. card 44-40884 T 47.52 : v.1/963

4641 —— v. 2, Atlantic and Gulf Coast of United States, from Little River, S.C. to Rio Grande, Tex. and Antilles, 7th and 8th Coast Guard districts, Nov. 17, 1962 (including N.M. no. 46 of 1962). 1963. l-xx, xxA-xxii+549-1023+10 p. il. 2 maps, 4° (CG-160.) [Some illustrations are colored.] * Paper, $3.25. ● Item 936
L.C. card 42-29023 T 47.52 : v.2/963

4642 —— v. 3, Pacific Coast and Pacific Islands, 11th, 12th, 13th, 14th, and 17th Coast Guard districts, Dec. 1, 1962 (including N.M. 48 of 1962). 1963. xxi+317+14 p. il. 2 maps, 4° (CG-162.) [Map and edge index, including how to use, on p. 2 and 4 of cover. Some pages are left blank to be used for notes.] * Paper, $2.50. ● Item 940
L.C. card 12-29023 T 47.52 : v.3/963

4643 Organization manual. [1963.] cover title, xviii+[158] p. 6 pl. map, 4° (CG-229.) [Issued in loose-leaf form. Supersedes July 1950 edition, and all amendments thereto.] ‡ ● Item 934-A
L.C. card 63-60709 T 47.8/3 : Or 3

4644 U.S. Coast Guard, study of its origin, responsibilities, relationships, and direction. [1963.] cover title, iii+41 p. il. † ● Item 934
L.C. card 63-60581 T 47.2 : C 63/9

COMMERCE DEPARTMENT

NOTE.—Requests to the Commerce Department for publications should include the Comm-DC-number if given in the entry.

4645 Address by Secretary of Commerce Luther H. Hodges, prepared for delivery to 13th National Conference on Standards, American Standards Association, New York, N.Y., Feb. 19, 1963. [1963.] 5 p. 4° (Comm-DC-5649.) [Processed.] † C 1.18 : H 66/120

4646 Educating for Nation's needs, abstracts of remarks by J. Herbert Hollomon, Assistant Secretary for Science and Technology, for distribution at meeting with Commission on Federal Relations of American Council on Education, Feb. 15, 1963, Washington, D.C. [1963.] [3] p. 4° [Processed.] † C 1.18 : H 72/4

4647 Excerpts from remarks by J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, before Industrial Research Institute, Montreal, Canada, Nov. 2, 1962. [1962.] 6 p. 4° (Comm-DC-5614.) [Processed.] † C 1.18 : H 72/3

4648 Excerpts from remarks by J. Herbert Hollomon, Assistant Secretary of Commerce for Science and Technology, prepared for delivery at annual banquet of American Meteorological Society, New York [City], Jan. 23, 1963. [1963.] 4+[1] p. 4° (Comm-DC-5563.) [Processed.] † C 1.18 : H 72/2

*For Sale by Superintendent of Documents
Φ For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

4649 Growth through technology, address by Secretary of Commerce Luther H. Hodges prepared for delivery to Association of Public Affairs Conference, Chamber of Commerce of United States, Washington, D.C., Jan. 23, 1963. [1963.] 4+[1] p. 4° (Comm-DC-5563.) [Processed.] †
C 1.18 : H 66/117

4650 Implementing Trade expansion act of 1962, address by Secretary of Commerce Luther H. Hodges, prepared for delivery at Southeastern regional annual meeting of American Society for International Law, University of North Carolina Law School, Chapel Hill, N.C., Feb. 1, 1963. [1963.] 8 p. 4° (Comm-DC-5593.) [Processed.] † C 1.18 : H 66/118

4651 National considerations on development of industrial technology, text of address by Robert L. Stern, Special Assistant to Assistant Secretary of Commerce for Science & Technology, prepared for delivery at 1963 annual Society of Automotive Engineers' Congress in Detroit, Mich., Jan. 15, 1963. [1963.] 13 p. 4° [Processed.] † C 1.18 : St 4

4652 Remarks by Clarence D. Martin, jr., Under Secretary of Commerce for Transportation, prepared for delivery before 61st annual meeting of Atlanta Freight Bureau at Atlanta, Ga., Feb. 8, 1963. Feb. 8, 1963. 5 p. 4° [Processed.] † C 1.18 : M 36/19

4653 Remarks by Secretary of Commerce Luther H. Hodges at ceremonies for opening of Main Street U.S.A., Union Station, Washington, D.C., Feb. 13, 1963. Feb. 13, 1963. [2] p. 4° (Comm-DC-5635.) [Processed.] †
C 1.18 : H 66/119

4654 Remarks of Roy L. Morgan, director of Office of Field Services, Department of Commerce, scheduled for delivery before Cleveland Chamber of Commerce and Cleveland World Trade Association, Jan. 22, 1963. [1963.] 4 leaves, 4° (Comm-DC-37117.) [Processed.] † C 1.18 : M 82

Statistical profile, series SP. [Processed. Prepared for Area Redevelopment Administration by Census Bureau.] † Paper, each 10c.

4655 137. Ashtabula-Conneaut, Ohio. Jan. 1963. 16 p. 4° C 1.45 : 137

COMMODITY CREDIT CORPORATION, Agriculture Dept.

4656 Report of president of Commodity Credit Corporation, 1962. [Jan. 1963.] [1]+34 p. † ● Item 34
L.C. card Agr 40-577 A 82.301 : 962

COMPTROLLER OF CURRENCY, Treasury Dept.

4657 Abstract of reports of condition of active national and nonnational banks in District of Columbia at close of business on Dec. 28, 1962, Sept. 28, 1962, and Dec. 30, 1961; abstract 129. Jan. 29, 1963. 2 leaves, oblong 8° [Processed.] † T 12.5/2 : 129

4658 Role of deposit insurance in bank regulation, remarks of James J. Saxon, Comptroller of Currency, before 7th district Texas Bankers Association, Fort Worth, Tex., Feb. 22, 1963. [1963.] [1]+7 p. 4° [Processed.] †
T 12.13 : Sa 9

CONGRESS

NOTE.—All reports, appropriation bills, etc., recorded under Congress and both houses of Congress are for the fiscal year unless otherwise noted.

4659 88th Congress, pocket congressional directory, Jan. 1963; compiled under direction of Joint Committee on Printing. 1963. [8]+202 p. il. small 4° [Illustrations are individual photographs of Members of Congress and certain officials.] * Fabrikoid, $1.75. ● Item 992
L.C. card 53-60391 Y 4.P 93/1 : 1 p/88

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

Congressional serial set

NOTE.—At the end of each session of Congress the House and Senate documents and reports are accumulated into bound volumes comprising the Congressional serial set. No catalog entry is made for the volumes of the Serial set since the documents and reports contained therein have been previously listed in the Monthly catalog.

The following bound volumes were sent to depository libraries during the period of this catalog:

House documents:

4660 nos. 352, 415, 420, 437, 85th Congress, 2d session, Interior Department reports on reclamation projects [Serial 12103]. ● Item 995-G

House reports:

4661 nos. 224–369, with exceptions, 86th Congress, 1st session, House miscellaneous reports on public bills II [Serial 12159]. ● Item 1007-A
nos. 558–693, with exceptions, 86th Congress, 1st session, House miscellaneous reports on public bills IV [Serial 12161]. ● Item 1007-A
nos. 900–1087, with exceptions, 86th Congress, 1st session, House miscellaneous reports on public bills VI [Serial 12163]. ● Item 1007-A

Senate documents:

4662 nos. 1–59, with exceptions, 86th Congress, 1st session, Senate miscellaneous documents I [Serial 12169]. ● Item 995-G
no. 4, 88th Congress, 1st session. Report of the Secretary of the Senate, 1962. ● Item 995-M

Senate reports:

4663 nos. 59–523, with exceptions, 86th Congress, 1st session, Senate miscellaneous reports on private bills I [Serial 12154]. ● Item 1007-B
nos. 120–240, with exceptions, 86th Congress, 1st session, Senate miscellaneous reports on public bills II [Serial 12149]. ● Item 1007-A
nos. 241–439, with exceptions, 86th Congress, 1st session, Senate miscellaneous reports on public bills III [Serial 12150]. ● Item 1007-A

ATOMIC ENERGY JOINT COMMITTEE

4664 Atomic energy legislation through 87th Congress, 2d session; Dec. 1962. 1963. vi+296 p. (Joint committee print, 87th Congress, 2d session.)
• Paper, $1.00.
L.C. card 57-61363 Y 4.At 7/2: L 52/2/962

4665 Nuclear energy for space propulsion and auxiliary power, index to hearings before Subcommittee on Research, Development, and Radiation, 87th Congress, 1st session, Aug. 28 and 29, 1961. 1963. ii+8 p. † ● Item 999
L.C. card 62-60310 Y 4.At 7/2: Sp 1/2/ind.

ECONOMIC JOINT COMMITTEE

4666 Economic policies and programs in Middle America, report to Subcommittee on Inter-American Economic Relationships, by Martha W. Griffiths. 1963. v+31 p. (Joint committee print, 88th Congress, 1st session.)
• Paper, 15c.
L.C. card 63-60666 Y 4.Ec 7: Ec 7/13

4667 Supplement to publications of Joint Economic Committee released after Aug. 1962. Jan. 1963. 1 p. 4° [Processed.] ‡
L.C. card 58-60620 Y 4.Ec 7: P 96/947-62/supp.

HOUSE OF REPRESENTATIVES

4668 Journal of House of Representatives, 87th Congress, 2d session, begun and held at City of Washington, Jan. 10–[Oct. 13] 1962. 1962. [1]-1354 p. 4° ‡ ● Item 1030 XJH: 87-2

House bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog with the exception of those which were identical with bills and resolutions previously introduced. Amendments are not listed.

For information concerning bills, see (1) House calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of bills and resolutions sent to them by the Superintendent of Documents.

•For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

4669 H.R. 119, 132, 136, 150, 188, 190, 209, 226, 229, 238, 243–244, 250, 261, 265, 268, 273, 278, 285, 289, 297, 299, 304, 308–309, 316, 319, 321, 332, 358, 380–381, 388, 394, 405–407, 411, 413–414, 443, 453, 460, 462, 465, 473, 475, 478, 481–483, 485–487, 493–494, 507, 512, 517, 520–522, 524, 528, 530, 547, 551–552, 554, 556–557, 572–573, 577, 581–584, 588–589, 592–594, 596–597, 602, 606, 612, 620, 623, 625, 629, 631–632, 634, 638, 640, 643, 650, 653, 672, 675, 679, 681, 683, 687–688, 694–697, 709–710, 712–725, 734, 736–737, 742, 749–750, 754, 757–760, 762–763, 765–766, 768–770, 772–773, 775–776, 778–780, 783–788, 792–796, 800–804, 806–807, 809–815, 818–821, 823, 825–827, 829–835, 837, 840, 842–844, 846–853, 856–858, 860–863, 865–869, 872–876, 878–889, 891–895, 899, 901–907, 909–910, 915–919, 922–923, 925–928, 930–931, 933, 935–936, 939, 941, 944, 947–952, 954–955, 957–959, 961, 963, 965, 969, 971–980, 984–986, 988–991, 993–1000, 1003–5, 1007, 1009, 1011–13, 1015–28, 1030, 1033, 1035–37, 1041–43, 1045–48, 1051, 1053–54, 1058–59, 1061–69, 1071, 1074–76, 1078–92, 1094–97, 1099, 1101–6, 1108–14, 1116–19, 1122–25, 1127–35, 1137, 1139–40, 1142–44, 1147–49, 1151–56, 1158, 1160–69, 1211, 1235, 1341, 1575–83, 1586–94, 1596–1614, 1616–22, 1624–26, 1630–36, 1638–48, 1650–51, 1654–57, 1659–63, 1665, 1667, 1670–81, 1683–90, 1692–94, 1696–97, 1699–1701, 1703, 1705–6, 1708–12, 1714–16, 1718–19, 1762–80, 1782–88, 1792–96, 1798–1805, 1808–28, 1830–47, 1890–1911, 1913–24, 1926–37, 1940–47, 1958–67, 1969–97, 1999–2000, 2002–25, 2028–51, 2053–61, 2063–68, 2070–81, 2083–86, 2088–91, 2093, 2095–96, 2098–2103, 2105–24, 2126–28, 2130–45, 2147–50, 2152–73, 2328–58, 2381–95, 2397–2414, 2416–23, 2426–39, 2441, 2459–92, 2494–95, 2497–2526, 2528–30, 2532–52, 2554–82, 2584–2645, 2647, 2649–53, 2656–60, 2662–64, 2667–77, 2679–81, 2683–89, 2691, 2693–97, 2821–55, 2857–70, 2872–79, 2881–98, 2900–21, 2977–98, 3000, 3005–19, 3043–90, 3092–3133, 3139, 3163–82, 3184–3210, 3212–16, 3277–3329, 3331–40, 3342–52, 3386–89, 3391–3446, 3469–73, 3487–91, 3493–3570, 3572–75, 3607–8, 3610–21, 3668–69, 3671–89, 3691–94, 3696–3700, 3702–42, 3744, 3763–66, 3768–72, 3774–89, 3791–96, 3798–3820, 3822–26, 3828–29, 3844–48, 3850–53, 3855, 3857–62, 3864–70, 3872–78, 3880–81, 3884–92, H. Con. Res. 24, 28, 30–32, 40, 44–48, 50–98, H. Joint Res. 1, 4, 23, 40–42, 57, 61, 64–65, 74, 76, 80–82, 89, 91–95, 97–98, 107, 111, 120–122, 124, 127–139, 141–142, 144–154, 156–203, 205–255, H. Res. 22, 26, 31, 56, 87–91, 93, 104–105, 107–110, 135–149, 151–153, 156–157, 163–165, 167–168, 171–172, 174–177, 179–182, 184–185, 191–193, 196, 198–199, 202–259. 88th Congress. ● Item 1006.

House documents

NOTE.—All House documents, entries for which are followed by a †, may be obtained from the House Document Room or from the issuing office.

House documents, 87th Congress.

4670 188. Pueblo of Sia, N. Mex. [with bibliography]; by Leslie A. White. 1962. xii+358 p. ill. 12 pl. map. (American Ethnology Bureau. Bulletin 184.) * (Available in departmental edition, cloth, $2.75, SI 2.3:184 and sent to depositories in that form. See Entry no. 4428.)

4671 361. Author-subject index to articles in Smithsonian annual reports 1849–1961; compiled by Ruth M. Stemple and Editorial and Publications Division. 1963. v+200 p. (Smithsonian Institution publication 4503.) [Also issued in departmental edition and sent to depositories in that form. See Entry no. 5719.] †

4672 403, v. 3. Columbia River and tributaries, letter from chief of engineers, Army submitting report on review of Columbia River and tributaries, v. 3, May 10, 1962. 1963. [449] p. ill. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4845.] †

4673 465. County and city data book, 1962 [Statistical abstract supplement], errata sheet. Jan. 23, 1963. 1 p. 4° [Processed.] †

4674 522, v. 2. Delaware River Basin, N.Y., N.J., Pa., and Del., letter from chief of engineers, Army, submitting report on review of Delaware River and tributaries v. 2; Aug. 16, 1962. 1962. [571] p. ill. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4846.] †

4675 522, v. 3. Same; v. 3 [with bibliography]; Aug. 16, 1962. 1962. [470] p. ill. 16 pl. 2 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4847.] †

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

4676 522. v. 4. Same: v. 4 [with bibliographies]; Aug. 16, 1962. 1962. [444] p. il. 40 pl. 1 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4848.] †

4677 522. v. 5. Same: v. 5; Aug. 16, 1962. 1962. [360] p. il. 2 pl. 4° [Plates are colored. Also issued in departmental edition and sent to depositories in that form. See Entry no. 4849.]

4678 522. v. 6. Same: v. 6; Aug. 16, 1962. 1962. [153] p. il. 79 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4850.] †

4679 522. v. 9. Same: v. 9; Aug. 16, 1962. 1962. [328] p. il. 49 pl. 1 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4851.] †

4680 522. v. 10. Same: v. 10; Aug. 16, 1962. 1962. [240] p. il. 43 pl., 19 are in pocket, 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4852.] †

4681 554. East Fork of Trinity River, Tex., letter from acting chief of engineers, Army, submitting report on review of reports on East Fork of Trinity River, Tex.; Sept. 12, 1962. 1962. xxii+266 p. 9 pl. 2 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4854.] †

4682 563. Verdigris River and tributaries, Okla. and Kans., letter from chief of engineers, Army, submitting report on review of reports on, and survey of Verdigris River and tributaries, Okla. and Kans.; Sept. 21, 1962. 1962. xxiv+359 p. il. 5 pl. 3 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4872.] †

4683 565. Juniata River and tributaries, Pa., letter from chief of engineers, Army, submitting report on survey of Juniata River and tributaries, Pa.; Sept. 21, 1962. 1962. xxv+233 p. il. 6 pl. 2 maps, 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4857.] †

4684 566. Rogue River Basin, Oreg. and Calif., letter from chief of engineers, Army, submitting report, on survey of Rogue River Basin, Oreg. and Calif.; Sept. 21, 1962. 1962. xxxiv+231 p. il. 6 pl. 4° [Also issued in departmental edition, and sent to depositories in that form. See Entry no. 4868.] †

4685 567. Flint River, Ga., letter from chief of engineers, Army, submitting report on review of report on, and survey of Flint River, Ga.; Sept. 21, 1962. 1962. xxv+228 p. il. 10 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4855.] †

4686 576. Mormon Slough, Calaveras River, Calif., letter from chief of engineers, Army, submitting report on review of reports on Mormon Slough, Calaveras River, Calif.; Sept. 24, 1962. 1962. xviii+72 p. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4866.] †

4687 578. Kaysinger Bluff Reservoir, Osage River, Mo., letter from chief of engineers, Army, submitting report on review of report on Kaysinger Bluff Reservoir, Osage River, Mo.; Sept. 24, 1962. 1962. xxxviii+132 p. 10 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4858.] †

4688 582. Calcasieu River salt water barrier, La., letter from chief of engineers, Army, submitting report on interim report on Calcasieu River salt water barrier, La.; Sept. 25, 1962. 1962. xi+66 p. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4838.] †

4689 585. Four River Basins, Fla., letter from chief of engineers, Army, submitting report on comprehensive report on Four River Basins, Fla; Sept. 26, 1962. 1962. xxix+180 p. il. 1 pl. 8 tab. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4856.] †

4690 587. Scioto River Basin, Ohio, letter from chief of engineers, Army, submitting report on survey of Scioto River Basin, Ohio, Sept. 27, 1962. 1962. xxii+[534] p. il. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4871.] †

4691 589. Baltimore metropolitan area, Md., letter from chief of engineers, Army, submitting report on interim hurricane survey of Baltimore metropolitan area, Md.; Sept. 28, 1962. 1962. xi+52 p. il. 2 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4836.] †

4692 591. San Gabriel River watershed, Brazos River, Tex., letter from chief of engineers, Army, submitting report on review of reports on San Gabriel River watershed, Brazos River, Tex.; Sept. 28, 1962. xxiii+241 p. il. 15 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4870.] †

4693 602. San Gabriel River to Newport Bay, Orange County, Calif., appendix 5, phase 2, beach erosion control study, letter from chief of engineers, Army, submitting report on cooperative beach erosion control of San Gabriel River to Newport Bay, Orange County, Calif.; Oct. 2, 1962. 1962. xxi+167 p. il. 5 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4869.] †

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

House documents, 87th Congress—Continued

4694 605, pt. 9. Occupational wage survey: San Bernadino-Riverside-Ontario, Calif., Sept. 1962; [prepared by Robert L. Orr]. Dec. 1962. iii+18 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–9.) *(Available in departmental edition, 20c., L 2.3: 1345–9, and sent to depositories in that form. See Entry no. 5438.)

4695 605, pt. 11. Same: Wichita, Kans.; [prepared by Mary Stokes]. Jan. 1963. iii+26 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–11.) *(Available in departmental edition, 25c. L 2.3: 1345–11, and sent to depositories in that form. See Entry no. 5439.)

4696 605, pt. 12. Same: Omaha, Nebr.-Iowa, Oct. 1962; [prepared by Marvin Glick]. Dec. 1962 [published 1963]. iii+20 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–12.) *(Available in departmental edition, 20c., L 2.3: 1345–12, and sent to depositories in that form. See Entry no. 5440.)

4697 605, pt. 14. Same: Cleveland, Ohio; [prepared by Kenneth Thorsten]. Jan. 1963. iii+32 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–14.) *(Available in departmental edition, 25c., L 2.3: 1345–14, and sent to depositories in that form. See Entry no. 5441.)

4698 605, pt. 15. Same: Boston, Mass., Oct. 1962; [prepared by Leo Epstein]. Jan. 1963. iii+32 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–15.) *(Available in departmental edition, 25c., L 2.3: 1345–15, and sent to depositories in that form. See Entry no. 5442.)

4699 605, pt. 16. Same: Washington, D.C.-Md.-Va.; [prepared by Philip Goldstein]. Jan. 1963. iii+30 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–16.) *(Available in departmental edition, 25c., L 2.3: 1345–16, and sent to depositories in that form. See Entry no. 5443.)

4700 605, pt. 17. Same: St. Louis, Mo.-Ill., Oct. 1962; [prepared by Mary Stokes]. Feb. 1963. iii+32 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–17.) *(Available in departmental edition, 25c., L 2.3: 1345–17, and sent to depositories in that form. See Entry no. 5444.)

4701 605, pt. 18. Same: Davenport-Rock Island-Moline, Iowa-Ill., Oct. 1962; [prepared by Kenneth Thorsten. Feb. 1963. iii+28 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–18.) *(Available in departmental edition, 25c., L 2.3: 1345–18, and sent to depositories in that form. See Entry no. 5445.) †

4702 605, pt. 19. Same: Richmond, Va., Nov. 1962; [prepared by William L. Dansby]. Jan. 1963. [2] leaves+20 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–19.) *(Available in departmental edition, 20c., L 2.3:1345–19, and sent to depositories in that form. See Entry no. 5446.)

4703 605, pt. 20. Same: Waterloo, Iowa, Nov. 1962; [prepared by Kenneth Thorsten]. Jan. 1963. iii+24 p. oblong 8° (Labor Statistics Bureau. Bulletin 1345–20.) *(Available in departmental edition, 25c., L 2.3: 1345–20, and sent to depositories in that form. See Entry no. 5447.)

4704 612. Industry wage survey: Hosiery, pt. 1, Women's pt. 2, Men's pt. 3, Children's, Feb. 1962: [prepared by Charles M. O'Connor]. Dec. 1962 [published 1963]. vi+70+[2] p. 4° (Labor Statistics Bureau. Bulletin 1349.) *(Available in departmental edition, 45c., L 2.3: 1349, and sent to depositories in that form. See Entry no. 5448.)

4705 615. United States National Museum, annual report for year ended June 30, 1962. [1962.] viii+195 p. il. [Also issued in departmental edition, and sent to depositories in that form. See Entry no. 5632.] †

House documents, 88th Congress.

4706 7. Annual report of Federal Trade Commission, fiscal year 1962. [1963.] viii+161 p. il. *(Available in departmental edition, 45c., FT 1.1:962, and sent to depositories in that form. See Entry no. 4933.)

4707 10. 34th annual report of work and operations of Gorgas Memorial Laboratory, fiscal year 1962 [and report of audit of records for same period, letter from president, Gorgas Memorial Institute of Tropical and Preventive Medicine, Inc., transmitting report; Jan. 17, 1963. 1963. iii+26 p. † ● Item 996
L.C. card 31–26268

4708 11. Report of operations of Postal Savings System, 1962, letter from Postmaster General transmitting report, fiscal year 1962. Jan. 9, 1963. 39 p. † ● Item 996
L.C. card 13–35115

4709 13. 79th annual report, fiscal year 1962. [1963.] viii+154 p. il. [Title on cover reads: 1962 annual report, United States Civil Service Commission. Errata, 1 p., was issued also.] *(Available in departmental edition, 60c., CS 1.1: 962, and sent to depositories in that form. See Entry no. 4617.) †

4710 32. Report on audit of Tennessee Valley Authority fiscal year 1962, letter from Comptroller General transmitting report; Jan. 9, 1963. 1963. v+31 p. 4° † ● Item 996
L.C. card 47–32489

4711 36. 1st annual report of Federal Maritime Commission, fiscal year 1962. [1963.] vii+34 p. *(Available in departmental edition, 20c., FMC 1.1: 962, and sent to depositories in that form. See Entry no. 4900.)

4712 38, pt. 1. Air Force register: v. 1, Active lists, Jan. 1, 1963. 1963. viii+961 p. 4° ([Air Force pamphlet 36–1–1]: Office of Directorate of Administrative Services.) [Supersedes v. 1, AFP 36–1–1, Jan. 1, 1962.] *(Available in departmental edition, $5.00, D 303.7: 963/v. 1, and sent to depositories in that form. See Entry no. 4388.)

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4713 38, pt. 2. Same: v. 2, Retired lists, Jan. 1, 1963. 1963. vii+177 p. 4° ([Air Force pamphlet 36-1-1]; Office of Directorate of Administrative Services.) [Supersedes v. 2, AFP 36-1-1, Jan. 1, 1962.] * (Available in departmental edition, $1.25, D. 303.7: 963/v. 2, and sent to depositories in that form. See Entry no. 4389.)

4714 39. National Science Foundation, 12th annual report, fiscal year 1962. [1962, published 1963.] xvii+368 p. il. ([NSF 63.1.]) * (Available in departmental edition, $1.50, NS 1.1: 962, and sent to depositories in that form. See Entry no. 5647.)

4715 42. Activities of Corregidor-Bataan Memorial Commission, report for fiscal year 1962; Jan. 21, 1963. 1963. iii+1 p. † ● Item 996
L.C. card 59-60660

4716 43. Revision of our tax structure, message from President of United States transmitting recommendations relative to revision of our tax structure. Jan. 24, 1963. 24 p. * Paper, 15c. ● Item 996
L.C. card 63-60661

4717 48. Report of amendments to Rules of civil procedure for United States District Courts, letter from Chief Justice of United States transmitting report of amendments to Rules of civil procedure for United States District Courts, which have been adopted by Supreme Court, pursuant to title 28, U.S.C., sec. 2072, accompanying these amendments is report of Judicial Conference of United States [proceedings Sept. 19-20, 1962]; Jan. 24, 1963. 1963. iii+82 p. * Paper, 25c. ● Item 996
L.C. card 63-60700

4718 51. 6th annual report of President of United States on Trade agreements program, operation, pursuant to sec. 402(a) of Trade expansion act of 1962; Jan. 28, 1963. 1963. [8]+102 p. il. 4° [Includes reports to Secretary of State by chairman of United States delegation to 18th and 19th sessions of contracting parties to General agreement on tariffs and trade, Geneva, Switzerland, May 15-19 and Nov. 27-30, 1961.] † ● Item 996
L.C. card 57-61392

4719 52. Report to Congress from President of United States, message transmitting report on this Nation's aeronautics and space activities for calendar year 1962; Jan. 28, 1963. 1963. [1]+139 p. il. 4° † ● Item 996
L.C. card 59-60497

4720 54. Program for education, message from President of United States relative to proposed program for education, and draft of bill to strengthen and improve educational quality and educational opportunities in Nation. Jan. 29, 1963. 68 p. * Paper, 20c. ● Item 996
L.C. card 63-60561

4721 55. Agricultural program, message from President of United States transmitting recommendations relative to agricultural program. Jan. 31, 1963. 8 p. † ● Item 996
L.C. card 63-60726

4722 56. Report on activities and accomplishments under Communications satellite act; Feb. 4, 1963. 1963. iii+11 p. [Includes Memorandum on activities of incorporators of Communications Satellite Corp.] † ● Item 996
L.C. card 63-60711

4723 58. Mental illness and mental retardation, message from President of United States. Feb. 5, 1963. 14 p. † ● Item 996
L.C. card 63-60710

4724 60. Health program, message from President of United States. Feb. 7, 1963. 11 p. † ● Item 996
L.C. card 63-60674

4725 62. Contested election, 6th District of Minnesota, letter from clerk, House of Representatives, relative to contest for seat in House of Representatives, growing out of election held Nov. 6, 1962, in 6th Congressional District of Minnesota. Feb. 7, 1963. 14 p. † ● Item 996

4726 63. Proposed new obligational authority for various agencies and District of Columbia for fiscal year 1963. Feb. 11, 1963. 18 p. † ● Item 996
L.C. card 63-60682

4727 64. Proposed supplemental appropriation [fiscal year 1963] and amendment to budget involving decrease for Department of Agriculture, fiscal year 1964. Feb. 11, 1963. 2 p. † ● Item 996

4728 66. Our Nation's youth, message from President of United States relative to our Nation's youth. Feb. 14, 1963. 10 p. † ● Item 996
L.C. card 63-60730

4729 70. Budget decreases for Small Business Administration and Department of Interior, fiscal year 1964. Feb. 18, 1963. 2 p. † ● Item 996

House reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

House reports on public bills, 88th Congress. † House Document Room, Capitol. ● Item 1008-A

4730 1. Providing additional compensation for veterans having service-incurred disability of deafness of both ears. Report from Committee on Veterans' Affairs to accompany H.R. 199. Jan. 29, 1963. 5 p.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

House reports on public bills, 88th Congress—Continued

4731 2. Burial expenses of certain deceased veterans. Report from Committee on Veterans' Affairs to accompany H.R. 212. Jan. 29, 1963. 3 p.

4732 3. Statutory award for aphonia. Report from Committee on Veterans' Affairs to accompany H.R. 214. Jan. 29, 1963. 5 p.

4733 4. Authorizing military support to 6th National Jamboree of Boy Scouts of America, Valley Forge State Park, Pa. Jan. 29, 1963. 4 p.

4734 5. Creating select committee to conduct studies and investigations of problems of small business. Report from Committee on Rules to accompany H. Res. 13. Jan. 30, 1963. 1 p.

4735 9. Authorizing Committee on Agriculture to conduct studies and investigations. Report from Committee on Rules to accompany H. Res. 38. Jan. 30, 1963. 1 p.

4736 19. Authorizing Committee on Post Office and Civil Service to conduct investigations and studies with respect to certain matters within its jurisdiction. Report from Committee on Rules to accompany H. Res. 151. Jan. 30, 1963. 1 p.

4737 20. Authorizing Committee on Banking and Currency to conduct studies and investigations and make inquiries relating to housing. Report from Committee on Rules to accompany H. Res. 153. Jan. 30, 1963. 1 p.

4738 21. Authorizing Committee on Banking and Currency to conduct full and complete investigations and studies of all matters within its jurisdiction under rules of House or laws of United States. Report from Committee on Rules to accompany H. Res. 179. Jan. 30, 1963. 1 p.

4739 22. Duty treatment of certain bread. Report from Committee on Ways and Means to accompany H.R. 370. Feb. 4, 1963. 3 p.

4740 23. Credit against estate tax for tax on certain prior transfers. Report from Committee on Ways and Means to accompany H.R. 780. Feb. 4, 1963. 6 p.

4741 24. Tax treatment of redeemable ground rents. Report from Committee on Ways and Means to accompany H.R. 1597. Feb. 4, 1963. 8 p.

4742 25. Free importation of wild birds and wild animals. Report from Committee on Ways and Means to accompany H.R. 1839. Feb. 4, 1963. 2 p.

4743 26. Temporary suspension of duties on corkboard insulation and on cork stoppers. Report from Committee on Ways and Means to accompany H.R. 2053. Feb. 4, 1963. 2 p.

4744 27. Income tax deduction for child-care expenses in case of woman deserted by husband. Report from Committee on Ways and Means to accompany H.R. 2085. Feb. 4, 1963. 3 p.

4745 28. Taxation of certain dispositions of property made pursuant to orders enforcing antitrust laws. Report from Committee on Ways and Means to accompany H.R. 2826. Feb. 4, 1963. 7 p.

4746 29. Tariff treatment of certain electron microscopes. Report from Committee on Ways and Means to accompany H.R. 2874. Feb. 4, 1963. 2 p.

4747 30. Permitting withholding on compensation of Federal employees for purposes of income taxes imposed by certain cities. Report from Committee on Ways and Means to accompany H.R. 2875. Feb. 4, 1963. 4 p.

4748 31. Designating bourbon whiskey as distinctive product of United States. Report from Committee on Ways and Means to accompany H. Con. Res. 57. Feb. 4, 1963. 2 p.

4749 32. Soviet economic offensive in Western Europe. Report of special study mission to Europe of Committee on Foreign Affairs, pursuant to H. Res. 60 (87th Congress); Feb. 7, 1963. 1963. xii+36 p. il.
L.C. card 63-60727

4750 33. Marking requirements for articles imported in containers. Report from Committee on Ways and Means to accompany H.R. 2513. Feb. 11, 1963. 7 p.

Agriculture Committee, House

4751 Agricultural legislation in 87th Congress, review of legislation enacted during 1st and 2d sessions of 87th Congress relating to agriculture; Dec. 31, 1962. 1962 [published 1963]. v+9 p. (Committee print, 87th Congress, 2d session.) ‡
L.C. card 56-62467 Y 4.Ag 8/1 : L 52/962

Armed Services Committee, House

[Papers], 88th Congress. † ● Item 1012

NOTE.—These papers consist largely of hearings. They are paged continuously for binding at the end of session of Congress under title "Hearings before Committee on Armed Services of the House of Representatives on sundry legislation affecting the naval and military establishments." Title page, contents, and index are issued for each volume.

4752 1. Organization of House Committee on Armed Services. [1963.] p. 1-13.
Y 4 : Ar 5/2a : 963-64/1

•For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

Education and Labor Committee, House

Administration of Davis-Bacon act, hearings before Special Subcommittee on Labor, 87th Congress, 2d session. † ● Item 1015
L.C. card 62-64512 Y 4.Ed 8/1 : D 29/2/pt.3

4753 pt. 3. July 12–Aug. 7, 1962, and appendix. 1963. v+725–1131 p.

Foreign Affairs Commitee, House

4754 Foreign service act of 1946 (Public law 724, 79th Congress), as amended to Nov. 30, 1962. 1962. vii+203 p. (Committee print.) ‡
L.C. card 56-61502 Y 4.F 76/1 : F 76/16/962

Government Operations Committee, House

4755 United States aid operations in Latin America, hearings before subcommittee, 87th Congress, 1st session, Nov. 27–Dec. 11, 1961. 1963. v+305 p. † ● Item 1016
L.C. card 63-60553 Y 4.G 74/7 : L 34

Merchant Marine and Fisheries Committee, House

4756 Establishment of geodetic and seismic data centers, hearings before Subcommittee on Coast Guard, 87th Congress, 2d session, on H.R. 9981, Mar. 8 and 29, 1962. 1963. iii+83 p. il. † ● Item 1021
L.C. card 63-60532 Y 4.M 53 : G 29

1962 fish and wildlife legislation, hearings before Subcommittee on Fisheries and Wildlife Conservation, 87th Congress, 2d session, on law enforcement, waterfowl population trends, H.R. 7826 and S. 1542, H.R. 12230, H.R. 12918 and S. 3504, H.R. 12205 and S. 3431. † ● Item 1021
L.C. card 62-61236 Y 4.M 53 : F 52/2/962/pt.2

4757 pt. 2. July 25 and Aug. 28, 1962. 1963. iv+112 p. il.

4758 1962, miscellaneous merchant marine legislation, hearings, 87th Congress, 2d session, on H.R. 11728, H.R. 12869, H.R. 12968, H.R. 12973, and H.R. 12362, July 18–Oct. 2, 1962. 1963. iii+105 p. † ● Item 1021
L.C. card 63-60535 Y 4.M 53 : L 52/2/962

Un-American Activities Committee, House

U.S. Communist Party assistance to foreign Communist governments, (Medical Aid to Cuba Committee and Friends of British Guiana), hearings, 87th Congress, 2d session. † ● Item 1026
L.C. card 63-60550 Y 4.Un 1/2 : F 76/pt. (nos.)

4759 pt. 1. Nov. 14, 1962. 1963. vi+1837–1949 p. il.
pt. 2. Nov. 14 and 15, 1962. 1963. vi+1951–2045+xv p. il. 1 pl. [Includes index to pt. 1 and 2.]

Ways and Means Committee, House

4760 President's 1963 tax message along with principal statement, technical explanation, and supporting exhibits and documents submitted by Secretary of Treasury Douglas Dillon in connection with the President's recommendations contained in his 1963 message on taxation at hearings; Feb. 6, 1963. 1963. vi+527 p. ([Committee print.]) * Paper, $1.75
L.C. card 63-60706 Y 4.W 36 : T 19/25/963

President's 1963 tax message, hearings, 88th Congress, 1st session, on tax recommendations of the President contained in his message transmitted to Congress, Jan. 24, 1963. ● Item 1028

4761 pt. 1. Feb. 6–8, 1963. 1963. x+746 p. il. * Paper, $2.25.
L.C. card 63-60590 Y 4.W 36 : T 19/26/963/pt.1

SENATE

Senate bills

NOTE.—The following list includes all public bills and resolutions introduced during the period of this catalog. Amendments are not listed.

For information concerning bills, see (1) Senate calendar, (2) Congressional record index, or (3) Digest of public general bills prepared by the Legislative Reference Service, Library of Congress.

Depository libraries should consult the depository shipping lists for a complete list of the bills and resolutions sent to them by the Superintendent of Documents.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

4762 S. 1, 3–5, 7–18, 20–28, 32–35, 43–61, 63, 65, 68–69, 73, 76, 79–82, 84–85, 87–91, 95–96, 98–105, 107–113, 115, 124, 126–140, 142–145, 148–153, 155–157, 159–162, 164–170, 176–181, 185–187, 189, 220–222, 225, 227, 236, 248–251, 253–254, 258–260, 263–264, 267–272, 275–276, 278–279, 281–283, 286–289, 294–295, 297–299, 304–307, 314–320, 323, 330–333, 341–346, 348, 350, 369–374, 379, 381–388, 390–392, 395–405, 407–408, 410–415, 423, 425, 431–433, 443–445, 447–455, 461–462, 466, 468, 470–472, 474–475, 480, 482–492, 497–499, 502–503, 521–531, 533–536, 540–543, 546, 552–553, 555–559, 562–564, 566, 569–572, 576, 580–583, 586, 588–589, 592–594, 599–609, 612, 614–631, 638–656, 661–664, 672–685, 691–692, 694, 702–703, 708, 710–711, 720–722, 725–730, 734, 736–739, 741–747, 749–751, 754–759, 761–763, 766, 768, 770–773, 775–779, 782–786, 792–796, 798–802, 804, 808–816, 819, 823–826, 828, S. Con. Res. 1–7, 9–14, 17–20, S. Joint Res. 3, 5–9, 11–13, 15–44, 46, S. Res. 11–12, 14–16, 18, 20–22, 27, 29–30, 32, 34, 38, 41, 43–87. 88th Congress. ● Item 1006.

Senate documents

NOTE.—All Senate documents, entries for which are followed by a †, may be obtained from the Senate Document Room or from the issuing office.

Senate documents, 87th Congress.

4763 130. Burns Creek Dam and Reservoir, Snake River, Idaho, letter from chief of engineers, Army, submitting favorable interim report on Burns Creek Dam and Reservoir, Snake River, Idaho; Sept. 17, 1962. 1962. xxxii+54 p. 1 pl. 4° [Also issued in departmental edition and sent to depositories in that form. See Entry no. 4837.] †

Senate documents, 88th Congress.

4764 2. Judgments rendered by Court of Claims, year ended Sept. 30, 1962; Jan. 15, 1963. 1963. [1]+28 p. † ● Item 996
L.C. card 9–6546

4765 3. Annual report of National Forest Reservation Commission, letter from Secretary of Army, transmitting pursuant to law report of National Forest Reservation Commission, fiscal year 1962; Jan. 15, 1963. 1963. iii+25 p. map. † ● Item 996
L.C. card 11–35944

Senate reports

NOTE.—For titles of bills which these reports accompany, see Congressional record index.

Senate reports on public bills, 88th Congress. † Senate Document Room, Capitol. (No. 8 is sold by Superintendent of Documents.) ● Item 1008–A

4766 3. 12th annual report of activities of Joint Committee on Defense Production, with material on mobilization from departments and agencies; Jan. 22, 1963. 1963. vii+463 p. il. 3 tab. † ● (To be sent to depository libraries in Serial set binding).
L.C. card 51–61652

4767 4. Providing additional staff and funds for Committee on Public Works. Report from Committee on Public Works to accompany S. Res. 12. Jan. 24, 1963. 1 p.

4768 5. Funds for Subcommittee to Investigate Administration of Internal Security Act. Report from Committee on Judiciary to accompany S. Res. 62. Jan. 31, 1963. 4 p.

4769 6. Completion of certain studies and start of others. Report from Committee on Post Office and Civil Service to accompany S. Res. 18. Feb. 4, 1963. 1 p.

4770 7. Authorizing employment of temporary clerical assistant. Report from Committee on Post Office and Civil Service to accompany S. Res. 20. Feb. 4, 1963. 1 p. 4°

4771 8. Developments in aging, 1959–63. Report of Special Committee on Aging, together with supplemental and minority views, pursuant to S. Res. 33, Feb 13, 1961, and S. Res. 238, Feb. 7 1962; Feb. 11, 1963. 1963. xi+[1]+224 p. il. * Paper, 60c.
L.C. card 63–60699

Armed Services Committee, Senate

Inquiry into strategic and critical material stockpiles of United States, hearings before National Stockpile and Naval Petroleum Reserves Subcommittee, 87th Congress, 2d session. † ● Item 1034
L.C. card 62–61624 Y 4.Ar 5/3: St 6/2/pt. 8

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4772 pt. 8. Nickel contracts with Falconbridge, International Nickel Co., National Lead Co., tungsten, tungsten contracts with South Korea, and Wah Chang, and titanium, Nov. 13–29, 1962. 1963. v+2587–3056 p. il.

Commerce Committee, Senate

4773 Collective bargaining for fishermen, hearings before Subcommittee on Merchant Marine and Fisheries, 87th Congress, 2d session, on S. 3093, Oct. 15–Nov. 8, 1962. 1963. iv+250 p. [Hearings held in Seattle, Wash., Ketchikan, Petersburg, Anchorage, Dillingham and Kodiak, Alaska.] † ● Item 1041
L.C. card 63–60589 Y 4.C 73/2 : F 53/6

Foreign Relations Committee, Senate

4774 Berlin in changing Europe, report of Mike Mansfield, J. Caleb Boggs, Claiborne Pell, Benjamin A. Smith to Committee on Foreign Relations, Senate. 1963. v+25 p. (Committee print, 88th Congress, 1st session.) ‡
L.C. card 63–60612 Y 4.F 76/2 : B 45

4775 Nomination of Bill D. Moyers to be Deputy Director of Peace Corps, hearing, 88th Congress, 1st session, Jan. 23, 1963. 1963. iii+23 p. † ● Item 1039
L.C. card 63–60667 Y 4.F 76/2 : M 87

4776 Nominations of Christian A. Herter, William T. Gossett, and David E. Bell, hearing, 88th Congress, 1st session, on nominations of Christian A. Herter as Special Representative for Trade Negotiations, William T. Gossett as Deputy Special Representative for Trade Negotiations, and David E. Bell as Administrator of Agency for International Development, Jan. 22, 1963. 1963. iii+60 p. † ● Item 1039
L.C. card 63–60548 Y 4.F 76/2 : H 44/2

4777 Renewed Geneva disarmament negotiations, hearings before subcommittee, 87th Congress, 2d session, July 25 and Aug. 2, 1962. 1963. v+64 p. † ● Item 1039
L.C. card 63–60536 Y 4.F 76/2 : G 28/6

Government Operations Committee, Senate

4778 Administration of national security, basic issues, study submitted by Subcommittee on National Security Staffing and operations (pursuant to S. Res. 332, 87th Cong.). 1963. v+20 p. (Committee print, 88th Congress, 1st session.) ‡
L.C. card 63–60664 Y 4.G 74/6 : N 21se/13

4779 —— bibliography; [compiled and annotated by Cedric W. Tarr, jr., Robert W. Hess, and John S. Gosnell, Legislative Reference Service, Library of Congress, for Subcommittee on National Security Staffing and Operations (pursuant to S. Res. 332, 87th Cong.). 1963. vi+89 p. (Committee print, 87th Congress, 2d session.) ‡
L.C. card 63–60663 Y 4.G 74/6 : N 21 se/14

Department of Agriculture handling of pooled cotton allotments of Billie Sol Estes, hearings. † ● Item 1037 Y 4.G 74/6 : C 82/pt.2/errata

4780 pt. 2. Errata. [1962.] [1]+630–635 p.

Interagency coordination in drug research and regulation, hearings before Subcommittee on Reorganization and International Organizations, 87th Congress, 2d session, agency coordination study (pursuant to S. Res. 276, 87th Cong.), review of cooperation on drug policies among Food and Drug Administration, National Institutes of Health, Veterans' Administration, and other agencies. ● Item 1037
L.C. card 63–60684 Y 4.G 74/6 : D 84/pt.1

4781 pt. 1. Aug. 1 and 9, 1962. 1963. vii+1–129b+130–266f+267–308 p. * Paper, $1.00.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Interior and Insular Affairs, Committee, Senate

4782 Nomination for Governor of Guam, hearing, 88th Congress, 1st session, on nomination of Manuel F. L. Guerrero to Governor of Guam, Feb. 8, 1963. 1963. ii+25 p. † ● Item 1040
L.C. card 63-60683 Y 4.In 8/13 : G 93/2/963

4783 Savery-Pot Hook reclamation project, Colo.-Wyo., hearing before Subcommittee on Irrigation and Reclamation, 87th Congress, 2d session, on S. 380, Oct. 13, 1962. 1963. iii+86 p. [This hearing was held in Rawlins, Wyo.] † ● Item 1040
L.C. card 63-60707 Y 4.In 8/13 : Sa 9

Judiciary Committee, Senate

4784 Attempts of pro-Castro forces to pervert American press, hearing before Subcommittee to Investigate Administration of Internal Security Act and Other Internal Security Laws, 87th Congress, 2d session, July 19, 1962. 1963. iii+116 p. [Testimony of Carlos Todd.] * Paper, 35c. ● Item 1042
L.C. card 63-60531 Y 4.J 89/2 : P 92/9

Constitutional rights of American Indian, hearings before Subcommittee on Constitutional Rights, 87th Congress, 1st session. † ● Item 1042
L.C. card 63-60237 Y 4.J 89/2 : In 2/5/pt.2

4785 pt. 2. Nov. 25-Dec. 1, 1961. 1963. iv+285-509 p.

Cuban refugee problem, hearings before Subcommittee to Investigate Problems Connected with Refugees and Escapees, 87th Congress, 2d session. † ● Item 1042
L.C. card 62-60711 Y 4.J 89/2 : C 89/2/pt.2

4786 pt. 2. Dec. 3 and 4, 1962. 1963. iii+305-399 p.

4787 Prayers in public schools and other matters, hearings, 87th Congress, 2d session, on S.J. Res. 205, S.J. Res. 206, S.J. Res. 207, S. Con. Res. 81, S. Res. 356, July 26 and Aug. 2, 1962. 1963. v+285 p † ● Item 1042
L.C. card 63-60533 Y 4.J 89/2 : P 89

4788 Wiretapping, Attorney General's program, 1962, hearings, 87th Congress, 2d session, on S. 2813 and S. 1495, Mar. 29-May 24, 1962. 1963. v+423 p. † ● Item 1042
L.C. card 63-60588 Y 4.J 89/2 : W 74/5

Labor and Public Welfare Committee, Senate

Migratory labor, hearings before Subcommittee on Migratory Labor, 87th Congress, 2d session, on S. 3382. † ● Item 1043
L.C. card 61-61254 Y 4.L 11/2 : L 11/6/962/v.3/pt.1,2

4789 v. 3. pt. 1, July 26, 1962, pt. 2, Aug. 7, 1962. 1963. iv+825-956 p. il.

COPYRIGHT OFFICE, Library of Congress

Catalog of copyright entries, 3d series, v. 16.

4790 pts. 7-11A. Works of art, reproductions of works of art, scientific and technical drawings, photographic works, prints and pictorial illustrations, no. 1; Jan.-June 1962. 1963. ix+143 p. 4° * Paper, $2.00 a yr., 50c. additional for foreign mailing; single copy, $1.00. ● Item 798
L.C. card 6-35347 LC 3.6/5 : v.16/pt.7-11A/no.1

DEFENSE DEPARTMENT

4791 Addendum to manual for courts-martial, United States, 1951. Jan. 1963. cover title, [1]+82 p. * Paper, 30c. ● Item 349
L.C. card 51-60633 D 1.15 : 951/add.

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

Armed Forces Institute manuals. D 1.10: (letter-nos.)

4792 C 503.1. College biology 1, study guide to be used with USAFI course C 503; prepared by James H. Zimmerman and Sophie E. Merritt. 1963. 151 p. il. 4° ‡ ● Item 305
L.C. card 63-60692

4793 C 517.1. College physics I, study guide to be used with USAFI course C 517; prepared by J. Gibson Winans. [1962.] 99 p. il. 4° ‡ ● Item 305
L.C. card 63-60650

Cataloging handbook H (series). (Defense Logistics Services Center, Defense Supply Agency.) [Issued with perforations.] ● Item 314-A

4794 4-3. Federal supply code for manufacturers (excluding United States and Canada); Oct. 1962. [1963.] iv+226 p. 4° * Paper, $8.00 (including cumulative quarterly supplements for an indefinite period), $2.00 additional for foreign mailing. D 7.6/2: 4-3

4795 Digest of opinions: Judge Advocates General of Armed Forces, 1961-62, v. 11. [1962.] xxxviii+250 p. ([Treasury, Army, Navy and Air Force.]) [This volume cumulates Quarterly issues of Digest of opinions covering period of July 1961-June 1962. Material in this Digest is arranged and classified under plan which is protected by copyright of Lawyers Co-operative Publishing Company, Rochester, N.Y.] ‡
L.C. card 53-60575 D 1.18/2: 11

4796 Industrial security manual for safeguarding classified information (attachment to DD form 441). Sept. 21, 1956, revised Dec. 31, 1962. [1963.] ix+93 p. il. 4° [Issued in loose-leaf form. Supersedes issue of Nov. 1, 1961.] * Paper, 65c. ● Item 319
L.C. card 51-60749 D 3.6/3: Se 2/962

Military handbook Mil Hdbk (series).

4797 7A. Lumber and allied products [with lists of other publications]. July 11, 1962. cover title, iii+233 p. il. 4° (Army Dept., Technical manual TM 715-5500-1; FSC 5500.) [Issued with perforations. Supersedes MIL-HDBK-7, June 12, 1958.] † ● Item 314-A
L.C. card 63-60625 D 7.6/2: 7A

4798 Study report on programming system for Office of Secretary of Defense, June 25, 1962; prepared by OASD(C) Programming, Directorate for Systems Planning. [1963.] [2]+ii leaves+[145] p. 4° * Paper, $1.00. ● Item 306
L.C. card 63-60601 D 1.2: P 94/5

4799 Ten-year chronology of Court of Military Appeals, June 1951-June 1961; prepared by Frederick R. Hanlon. [1963.] [3]+25 p. 4° [Processed.] ‡
L.C. card 61-62082 D 1.19/2: C 46/951-61

DISTRICT OF COLUMBIA

4800 List of legal investments for trust funds in District of Columbia as of Jan. 1, 1963. [1963.] iii+59 p. (United States District Court for District of Columbia.) [Semiannual.] † Office of Register of Wills and Clerk of Probate Court, Washington, D.C. ● Item 430-A
L.C. card 41-7391 DC 21.9: 963

ECONOMIC RESEARCH SERVICE, Agriculture Dept.

Agricultural economic reports. ● Item 42-C A 93.28: (nos.)

4801 19. Vertical coordination in agriculture [with list of literature cited]; by Ronald L. Mighell and Lawrence A. Jones. Feb. 1963. vi+90 p. il. (Farm Economics Division.) * Paper, 35c.
L.C. card Agr 63-104

4802 22. Revenues and expenditures of State and local governments in Great Plains [with list of literature cited; by Frederick D. Stocker]. [Jan. 1963.] vi+30 p. 4° (Farm Economics Division.) †
L.C. card Agr 63-98

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Agricultural economic reports—Continued

4803 23. Recent population trends in United States, with emphasis on rural areas [with list of literature cited; by Calvin L. Beale and Donald J. Bogue]. Jan. 1963. 48 p. il. 4° ([Farm Population Branch.]) [Prepared in cooperation with Population Research and Training Center, University of Chicago.] ‡
L.C. card Agr 63-78

4804 Economic evaluation of hide curing methods; by John W. Thompson. Oct. 1962. [1]+17-19 p. 4° [Processed. Reprinted from Livestock and meat situation, Sept. 1962.] † A 93.15/a : H 53

4805 Rice situation. Jan. 1963. 23 p. il. 4° (RS-7.) † ● Item 21-P
A 93.11/3 : 7

EDUCATION OFFICE, Health, Education, and Welfare Dept.

4806 Administration of Public laws 874 and 815 [81st Congress, as amended], 12th annual report of Commissioner of Education, June 30, 1962. [1963.] vii+167 p. il. 4° (OE-22003-62.) [Text on p. 2 of cover.] * Paper, $1.00. ● Item 460-A-22
L.C. card E 52-22 FS 5.222 : 22003-62

4807 Bond sales for public school purposes, July 1, 1961-June 30, 1962; [by] Elmer C. Deering. Dec. 1962 [published 1963]. 12 p. 4° (OE-22009-62.) (Administration Branch, School Finance Section.) * Paper, 15c. ● Item 460-A-22
L.C. card HEW 61-23 FS 5.222 : 22009-62

Bulletin, 1962.

4808 17. See below, Sabbatical leave in American higher education, origin, early history and current practices.

Circulars.

4809 308. See, below, Selected science services: Major principles of biological sciences of importance for general education.

4810 308-iv. See, below, Selected science services: Major principles of physics, chemistry, and geology of importance for general education.

4811 569B. See, below, Selected aerospace career and scholarship information.

4812 693. See, below, Library statistics of colleges and universities, 1959-60: pt. 2, Analytic report.

4813 Educational Materials Laboratory report, v. 4, no. 6, United Nations; [compiled by Lois Belfield Watt and Elaine Billingslea Dockens]. Oct. 24, 1962. 11 p. 4° (OE-14031-19; International Education Studies.) [Processed.] †
L.C. card 61-3413 FS 5.214 : 14031-19

4814 Elementary school libraries, selected bibliography; compiled by Richard L. Darling. July 1962. [2] p. 4° [Processed.] † FS 5.10 : L 61

4815 Evaluation and testing in teaching modern foreign languages; [by] Esther M. Eaton. [1963.] [4] p. il. 4° (OE-27017.) [Processed. Reprint from School life, Mar. 1962.] † FS 5.227 : 27017

4816 Library statistics of colleges and universities, 1959-60: pt. 2, Analytic report; by Barbara Denison and Doris C. Holladay. [1962, published 1963]. x+45 p. 4° (OE-15031-60, Circular 693; Library Services Branch, Bureau of Educational Research and Development.) * Paper, 40c. ● Item 450-A-15
L.C. card HEW 61-33 FS 5.215 : 15031-60

Misc. [Miscellaneous] (series).

4817 40. See, below, Nonpublic secondary schools, directory 1960-61, showing accreditation status, enrollment, classroom teachers, and other data.

4818 National defense language development program: Completed research, studies, and instructional materials, list 2. [1963.] [2]+27 p. 4° (OE-12016.) * Paper, 20c. ● Item 460-A-12
L.C. card HEW 62-63 FS 5.212 : 12016

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

4819 —— research and studies, [contracted in] fiscal 1962. [1963.] iii+24 p. 4° (OE-12014-62.) * Paper, 20c. ● Item 460-A-12
L.C. card HEW 62-60 FS 5.212 : 12014-62

4820 Nonpublic secondary schools, directory 1960-61, showing accreditation status, enrollment, classroom teachers, and other data; by Diane B. Gertler and Leah W. Ramsey. [1963.] v+106 p. 4° (OE-20043; Misc. no. 40.) * Paper, 75c. ● Item 460-A-20
L.C. card HEW 63-20 FS 5.220 : 20043

4821 Sabbatical leave in American higher education, origin, early history and current practices [with annotated bibliography]; by Walter Crosby Eells and Ernest V. Hollis. [1962.] v+77 p. (OE-53016; Bulletin 1962, no. 17.) * Paper, 30c. ● Item 460-A-53
L.C. card HEW 63-19 FS 5.253 : 53016

4822 School facilities services: Selected references on administration of equipment and supplies; by W. Edgar Martin. Dec. 1962. 15 p. 4° (OE-21011; School Housing Section.) [Processed.] †
L.C. card E 56-117 FS 5.221 : 21011

4823 School library supervision in State and local school systems; [by] Richard L. Darling. [1963.] 4 p. il. 4° (OE-15043.) [Processed. Reprint from School life, Nov.-Dec. 1962.] † FS 5.215 : 15043

4824 Selected aerospace career and scholarship information; revised by Richard M. Harbeck and Betinna Weary. Revised 1962. [1962.] 16 p. 4° (OE-26005-1A, Circular 569B, Aerospace education series; Instructional Programs Branch.) [Processed.] †
L.C. card HEW 59-16 FS 5.226 : 26005-1A

4825 Selected science services: Major principles of biological sciences of importance for general education; prepared by W. Edgar Martin. [1963.] 34 p. 4° (OE-29026-A; Circular 308, May 1948, revised and reprinted Dec. 1962.) * Paper, 25c. ● Item 460-A-29
L.C. card E 56-123 FS 5.229 : 29026-A

4826 —— Major principles of physics, chemistry, and geology of importance for general education; prepared by Harold E. Wise. [1962.] 27 p. 4° (OE-29025-A; Circular 308-iv, revised and reprinted Dec. 1962.) * Paper, 20c. ● Item 460-A-29
L.C. card E 56-123 FS 5.229 : 29025-A

4827 Summary report on survey of students enrolled for advanced degrees, fall 1961; by Wayne E. Tolliver. Dec. 1962. 7 p. 4° (OE-54009-61.) [Processed.] †
L.C. card HEW 61-104 FS 5.254 : 54009-61

4828 Supervision for quality education in science [with lists of selected references]. [1963.] 34+[1] p. il. 4° (OE-29043.) [Reprint from School life, Oct. 1962.] * Paper, 25c. ● Item 460-A-29 FS 5.229 : 29043

EMERGENCY PLANNING OFFICE, Executive Office of the President

4829 Continuity of your State and local government. [1963.] [2] p. il. large 4° folded into narrow 8° † ● Item 856-C-1 PrEx 4.2 : G 74/2/963

EMPLOYEES' COMPENSATION APPEALS BOARD, Labor Dept.

4830 Decisions of Employees' Compensation Appeals Board, v. 13, July 1, 1961-June 30, 1962. 1963. xv+587 p. * Paper, $1.75. ● Item 749-B
L.C. card L 52-30 L 28.9 : 13

EMPLOYMENT SECURITY BUREAU, Labor Dept.

4831 America is for everybody. [1963.] x+19 p. il. 4° [Published in commemoration of anniversary of Emancipation Proclamation.] * Paper, 30c. ● Item 755
L.C. card L 63-28 L 7.2 : Am 3

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

677108 O—63—No. 818——4

BES (series).

4832 U-207-4. Family characteristics of long-term unemployed, report on study of claimants under temporary extended unemployment compensation program 1961-62; [prepared by Program Studies Division staff in Office of Program Development and Legislation of Unemployment Insurance Service]. Jan. 1963. xii+196 p. il. 4° (TEUC report series 4.) [Combined report on May and Sept. 1961 and Jan. and Apr. 1962 surveys.] † ● Item 752-B
L.C. card L 62-174 L 7.61 : U-207-4

4833 Counseling and employment service for youth, supp. 1 to Counseling and employment service for special worker groups; [by Evelyn Murray]. Nov. 1962 [published 1963]. xii+84 p. * Paper, 40c. ● Item 755
L.C. card L 54-179 L 7.2 : C 83/2/supp.1/962

4834 Employment Service participation in labor market. Feb. 1963. [1]+14 leaves, 4° (United States Employment Service.) [Processed.] †
L 7.2 : L 11/3

4835 Job guide for young workers; [prepared by Office of Manpower Development and Utilization]. 1963-64 edition. [1963.] [1]+ii+78 p. il. oblong 8° [Prepared in cooperation with State employment security agencies.] * Paper, 45c. ● Item 756-B
L.C. card L 50-88 L 7.25/2 : 963-64

ENGINEERS CORPS (Army), Defense Dept.

NOTE.—Orders or requests for publications of the Engineers Corps, other than those sold by the Superintendent of Documents or by offices of the Engineers Corps in other cities, should be addressed to Chief of Engineers, U.S. Army, Washington 25, D.C., Attention Publications Office.

4836 Baltimore metropolitan area, Md., letter from chief of engineers, Army, submitting report on interim hurricane survey of Baltimore metropolitan area, Md.; Sept. 28, 1962. 1962. xi+52 p. il. 2 pl. 4° [Also issued as H. doc. 589, 87th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : B 21/2

4837 Burns Creek Dam and Reservoir, Snake River, Idaho, letter from chief of engineers, Army, submitting favorable interim report on Burns Creek Dam and Reservoir, Snake River, Idaho; Sept. 17, 1962. 1962. xxxii+54 p. 1 pl. 4° [Also issued as S. doc. 130, 87th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : B 93

4838 Calcasieu River salt water barrier, La., letter from chief of engineers, Army, submitting report on interim report on Calcasieu River salt water barrier, La.; Sept. 25, 1962. 1962. xi+66 p. 1 pl. 4° [Also issued as H. doc. 582, 87th Cong., 2d sess.] ‡ ● Item 334-A D 103.22 : C 12/4

Circular EC (series).

4839 1110-3-110. Engineering and design: Standard engineering instructions [with list of references]; Jan. 15, 1963. [1963.] 22 p. 4° [Processed. Effective until Dec. 31, 1963 until sooner rescinded or superseded. Issued with perforations.] ‡ D 103.4 : 1110-3-110

Cold Regions Research and Engineering Laboratory: Research reports. [Processed. Snow Ice and Permafrost Research establishment redesignated as Cold Regions Research and Engineering Laboratory, Feb. 1, 1962.] ‡ D 103.33/3 : (nos.)

4840 73. Scale model studies on snow drifting [with list of references]; by Gordon H. Strom [and others]. Sept. 1962. [4]+ix+50 p. il. 4° ([Department of Army task 8X99-27-001-03.])

4841 100. Size distribution and liquid water content of fog, northwestern Greenland [with list of references]; by Motoi Kumai and Karl E. Francis. Sept. 1962. [4]+iv+13 p. il. 4° ([Department of Army project 8-66-02-400.])

4842 105. Vertical migration of particles in front of moving freezing plane [with list of references]; by Arturo E. Corte. Jan. 1963. iv+8 p.+[2] leaves, il. 4° ([Department of Army project 8X99-27-001-03.])

—— Technical reports. [Processed.] ‡ D 103.33 : (nos.)

4843 87. Electrical D-C resistivity measurements on glacier ice near Thule, Greenland [with list of references]; by Andrew U. Meyer and Hans Roethlisberger. Oct. 1962. v+34+[4] p. il. 4°

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4844 100. Ground temperature observations, Fort Yukon, Alaska. July 1962. vi+14+[4] p. il. 1 pl. 4° [Prepared in cooperation with Weather Bureau and Federal Aviation Agency.]

4845 Columbia River and tributaries, letter from chief of engineers, Army, submitting report on review of Columbia River and tributaries, v. 3, May 10, 1962. 1963. [449] p. il. 1 pl. 4° [Also issued as H. doc. 403, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : C 72/6/v.3

4846 Delaware River Basin, N.Y., N.J., Pa., and Del., letter from chief of engineers, Army, Submitting report on review of Delaware River and tributaries, v. 2; Aug. 16, 1962. 1962. [571] p. il. 4° [Also issued as H. doc. 522, v. 2, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.2

4747 —— v. 3 [with bibliography]; Aug. 16, 1962. 1962. [470] p. il. 16 pl., 2 tab. 4° [Also issued as H. doc. 522, v. 3, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.3

4848 —— v. 4 [with bibliographies]; Aug. 16, 1962. 1962. [444] p. il. 40 pl. 1 tab 4° [Also issued as H. doc. 522, v. 4, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.4

4849 —— v. 5; Aug. 16, 1962. 1962. [360] p. il. 2 pl. 4° [Also issued as H. doc. 522, v. 2, 87th Cong., 2d sess. The two plates are colored.] ‡ ● Item 334–A D 103.22 : D 37/5/v.5

4850 —— v. 6, Aug. 16, 1962. 1962. [153] p. il. 79 pl. 4° [Also issued as H. doc. 522, v. 6,, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.6

4851 —— v. 9, Aug. 16, 1962. 1962. [328] p. il. 49 pl. 1 tab. 4° [Also issued as H. doc. 522, v. 9, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.9

4852 —— v. 10, Aug. 16, 1962. 1962. [240] p. il. 43 pl., 19 are in pocket, 4° [Also issued as H. doc. 522, v. 10, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : D 37/5/v.10

4853 Digest of decisions of Corps of Engineers Board of Contract Appeals, v. 4, Nov. 1, 1961–Oct. 31, 1962. [1963.] cover title, ix+[49] p. 4° * Paper, 40c. ● Item 334–B
L.C. card 60–61464 D 103.36 : 4

4854 East Fork of Trinity River, Tex., letter from acting chief of engineers, Army, submitting report on review of reports on East Fork of Trinity River, Tex.; Sept. 12, 1962. xxii+226 p. 9 pl. 2 tab. 4° [Also issued as H. doc. 554, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : T 73/2

4855 Flint River, Ga., letter from chief of engineers, Army, submitting report on review of report on, and survey of Flint River, Ga.; Sept. 21, 1962. 1962. xxv+228 p. il. 10 pl. 4° [Also issued as H. doc. 567, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : F 64

4856 Four River Basins, Fla., letter from chief of engineers, Army, submitting report on comprehensive report on Four River Basins, Fla.; Sept. 26, 1962. 1962. xxix+180 p. il. 1 pl. 8 tab. 4° [Also issued as H. doc. 585, 87th Cong., 2d sess. Plate is colored.] ‡ ● Item 334–A D 103.22 : F 82

4857 Juniata River and tributaries, Pa., letter from chief of engineers, Army, submitting report on survey of Juniata River and tributaries, Pa.; Sept. 21, 1962. 1962. xxv+233 p. il. 6 pl. 2 maps, 4° [Also issued as H. doc. 565, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : J 95/2

4858 Kaysinger Bluff Reservoir, Osage River, Mo., letter from chief of engineers, Army, submitting report on review of report on Kaysinger Bluff Reservoir, Osage River, Mo.; Sept. 24, 1962. 1962. xxxviii+132 p. 10 pl. 4° [Also issued as H. doc. 578, 87th Cong., 2d sess.] ‡ ● Item 334–A D 103.22 : K 18

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Manuals EM (series). ● Item 338-A

D 103.6/3: (nos.)

4859 1110-2-3101. Engineering and design: Pumping stations, local cooperation and general considerations [with list of references]. Dec. 3 [1962, published 1963]. cover title, [10] p. il. 5 pl. 4° [Issued in loose-leaf form. Rescinds EM 1110-2-3101, chap. 1, May 1953.] * Paper, $1.00.

4860 1110-2-3102. Same: General principles of pumping station design and layout [with list of references] Dec. 3 [1962]. [1963.] cover title, 1+13 p. 10 pl. 4° [Issued in loose-leaf form. Rescinds EM 1110-2-3101, chap. 2, May 1953.] * Paper, $1.25.

4861 1110-2-3105. Same: Mechanical and electrical design of pumping stations: Dec. 10, [1962]. cover title, [223] p. il. 4° [Issued in loose-leaf form. Supersedes Civil works engineer bulletin 49-9, Operating devices for gates on drainage structures, also designated EM 1110-2-3105.] * Paper, $2.25.

4862 1110-3-313. Same: Army airfield-heliport rigid and overlay pavement design [with list of references]; Apr. 15, [1959]. [1962.] cover title, [2]+25 p. il. 2 pl. 4° [Processed. Includes Changes 1-6. Issued with perforation.] ‡

4863 1110-45-303. Same: Rigid airfield pavements [with bibliographies]; Feb. 3, 1958. [Reprint 1962.] cover title, iii+[97] p. il. 4° [Includes Changes 1-6. Issued with perforations. Recission of Engineering manual for military construction, pt. 12, Airfield pavement design, chap. 3, Rigid pavements, Mar. 1954 (EM 1110-45-303), and Addendum 1, Mar. 1957.] ‡

4864 1110-345-141. Same: Load assumptions for buildings [with list of references]. Dec. 31, 1962. cover title, 6 p. 4° [Issued in loose-leaf form. Rescinds Engineering manual for military construction, pt. 4, chap. 1, Apr. 1946 (EM 1110-345-141).] * Paper, 15c.

4865 1110-345-291. Same: Roads, streets, walks, and open storage areas, flexible-pavement design [with bibliography]. Dec. 31, 1962. cover title, 22+6 p. il. 4° [Issued with perforations. Rescinds Feb. 1, 1961 edition.] ‡

4866 Mormon Slough, Calaveras River, Calif., letter from chief of engineers, Army, submitting report on review of reports on Mormon Slough, Calaveras River, Calif.; Sept. 24, 1962. 1962. xviii+72 p. 1 pl. 4° [Also issued as H. doc. 576, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22: M 82/3

4867 Permits for work in navigable waters. 1962 [published 1963]. vi+20 p. il. 4° [Some illustrations are colored.] † ● Item 337
L.C. card 63-60624

D 103.2: P 42

4868 Rogue River Basin, Oreg. and Calif., letter from chief of engineers, Army, submitting report, on survey of Rogue River Basin, Oreg. and Calif.; Sept. 21, 1962. 1962. xxxiv+231 p. il. 6 pl. 4° [Also issued as H. doc. 566, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22: R 63/2

4869 San Gabriel River to Newport Bay, Orange County, Calif., appendix 5, phase 2, beach erosion study, letter from chief of engineers, Army, submitting report on cooperative beach erosion control study of San Gabriel River to Newport Bay, Orange County, Calif.; Oct. 2, 1962. 1962. xxi+167 p. il. 5 pl. 4° [Also issued as H. doc. 602, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22: Sa 5 g/2

4870 San Gabriel River watershed, Brazos River, Tex., letter from chief of engineers, Army, submitting report on review of reports on San Gabriel River watershed, Brazos River, Tex.; Sept. 28, 1962. 1962. xxiii+241 p. il. 15 pl. 4° [Also issued as H. doc. 591, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22: Sa 5g

4871 Scioto River Basin, Ohio, letter from chief of engineers, Army, submitting report on survey of Scioto River Basin, Ohio, Sept. 27, 1962. 1962. xxii+[534] p. il. 4° [Also issued as H. doc. 587, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22: Sci 6

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

4872 Verdigris River and tributaries, Okla. and Kans., letter from chief of engineers, Army, submitting report on review of reports on, and survey of Verdigris River and tributaries, Okla. and Kans.: Sept. 21, 1962. 1962. xxiv+359 p. il. 5 pl. 3 tab. 4° [Also issued as H. doc. 563, 87th Cong., 2d sess.] ‡ ● Item 334-A

D 103.22 : V 58

4873 Waterborne commerce of United States, calendar year 1961: Domestic inland traffic areas of origin and destination of principal commodities, supplement to pt. 5, National summaries. [1962.] [59] p. 4° [Prepared under supervision of resident member, Board of Engineers for Rivers and Harbors, Corps of Engineers, Army, Washington, D.C., from data compiled in Office of Division Engineer, Army Engineer Division, Lower Mississippi Valley, Vicksburg, Miss.] † Paper, 40c., U.S. Army District, Lake Survey, 630 Federal Building, Detroit 26, Mich. ● Item 342-A

L.C. card 55-63535 D 103.1/2 : 961/pt. 5/supp.

Waterways Experiment Station.

Note.—Unless otherwise indicated, publications of Waterways Experiment Station may be ordered from Corps of Engineers, U.S. Army, Waterways Experiment Station, Vicksburg, Miss. (price upon application).

—— Technical reports. [Processed.] D 103.24/2 : (nos.)

4874 2-616. Wave action and breakwater location Superior entry, Duluth-Superior Harbor, Superior, Wis., hydraulic model investigation [with list of references; prepared by H. B. Wilson]. Army-MRC Vicksburg, Miss., Jan. 1963. [2] leaves+vii+[79] p. il. 4°

4875 6-613, rp. 1. Evaluation of aluminum-coated wires as reinforcement for articulated concrete mattresses, basic program [with list of references; prepared by Leonard Pepper]. Army, MRC, Vicksburg, Miss., Dec. 1962. [5]+vii+[64] p. il. 4°

FAMILY SERVICES BUREAU, Health, Education, and Welfare Dept.

4876 Reasons for opening and closing public assistance cases Jan.-June 1962 [and July-Dec. 1961]. Dec. 1962. [2] leaves, 20 tab. 4° [Issued with perforations.] † FS 3.45 : 961-62

FARMER COOPERATIVE SERVICE, Agriculture Dept.

General report. ● Item 65-A

4877 106. Handbook on major regional cooperatives handling farm production supplies, 1960 and 1961; [by J. Warren Mather]. Dec. 1962 [published 1963]. cover title, iv+108 p. 4° [List of FCS publications available in p. 4 of cover.] † A 89.11 : 106

FEDERAL AVIATION AGENCY

4878 Air traffic rules, May 15, 1961, supp. 9; Nov. 26, 1962. [1963.] iv+2 p. 4° (Civil air regulations, pt. 60.) [Issued in loose-leaf form.] * Paper, $1.50 (including basic Civil air regulations, pt. 60, and Civil aeronautics manual 60 and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 431-C-13

FAA 1.6/6 : 60/2/supp. 9

Civil air regulations amendments. [Processed.] † C 31.209 : (nos.)

4879 13-5. Aircraft engine airworthiness: 30-minute power rating for helicopter turbine engines, effective Feb. 12, 1963. Jan. 7, 1963. 2 p. 4° [Published in Federal register, Jan. 11, 1963. Issued with perforations.] L.C. card 54-3033

4880 43-16. General operation rules: Airborne distance measuring equipment requirement, effective July 1, 1963. Jan. 11, 1963. [2] p. 4° [Published in Federal register Jan. 18, 1963. Issued with perforations.]

4881 Dulles International Airport. [1963.] [8] p. il. † ● Item 431-C-8

FAA 1.2 : D 88

*For Sale by Superintendent of Documents
†For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

FAA handbook. [Issued in loose-leaf form.] ● Item 431-C-4

4882 AT P 7130.7. Holding pattern criteria; Jan. 3, 1963. [1963.] cover title, [61] p. il. 4° †
L.C. card 63-60713 FAA 1.8/2: AT P 7130.7

Federal aviation regulations. [Issued in loose-leaf form.]

4883 pt. 159. National Capital airports, Change 1, [effective] Feb. 4, 1963. [1963.] iv+[10] p. 4° † FAA 1.6/8: 159/ch.1

4884 Federal aviation regulations (new) and civil aeronautics manuals [status sheet]. Jan. 15, 1963. 3 p. 4° [Processed.] † Federal Aviation Agency, Publishing and Graphics Branch, Attn.: MS-158, Washington 25, D.C.
FAA 1.18: 963

FEDERAL COMMUNICATIONS COMMISSION

4885 Address of E. William Henry, Commissioner, Federal Communications Commission, before Georgia Radio and Television Institute, Athens, Ga., Jan. 24, 1963. [1963.] 8 p. 4° (30352 G.) [Processed.] †
CC 1.15: H 39/17

4886 Rules and regulations: v. 6, transmittal sheet 6(62)-4. [1962.] [8] p. 4° [Includes new and revised pages to pt. 12, Amateur radio service. Issued in loose-leaf form.] * Paper, $1.25 (including basic volume and supplementary material for an indefinite period); 50c. additional for foreign mailing. ● Item 287 CC 1.6/6: 962/trans.4

4887 —— v. 7, transmittal sheet 7-12. [1963.] [9] p. 4° [Includes new pt. 25, Satellite communications. Issued in loose-leaf form.] * Paper, $2.00 (including basic volume and supplementary material for an indefinite period); 75c. additional for foreign mailing. ● Item 287
CC 1.6/7: 959/trans.12

4888 Television, 4 new dimensions, paper by Newton N. Minow, chairman, Federal Communications Commission, prepared for delivery before 10th anniversary convocation of Center for Study of Democratic Institutions Fund for Republic, New York, N.Y., Jan. 22, 1963. [1963.] 19 p. 4° [Processed.] † CC 1.15: M 66/3

FEDERAL EXTENSION SERVICE, Agriculture Dept.

4889 Farmers feed our factories. [Dec. 1962.] [6] p. il. narrow 8° [Cooperative extension work, Department of Agriculture, and State land-grant colleges and universities cooperating.] † ● Item 61 A 43.2: F 22/7

FEDERAL HOME LOAN BANK BOARD

4890 Democracy at work, by Joseph P. McMurray, Chairman, Federal Home Loan Bank Board, Washington, D.C., at legislative conference of United States Savings and Loan League, Washington, D.C., Jan. 29, 1963. [1963.] 13 p. 4° [Processed.] † FHL 1.23: M 22/21

4891 Savings and loan movement in South America; by Joseph P. McMurray, chairman, Federal Home Loan Bank Board, Washington, D.C. [Address], before International Housing Workshop, National Housing Center, Washington, D.C., Jan. 30, 1963. [1963.] 9 p. 4° [Processed.] †
FHL 1.23: M 22/22

FEDERAL HOUSING ADMINISTRATION, Housing and Home Finance Agency

4892 Digest of insurable loans, primary terms authorized by National housing act as amended and FHA regulations as of Jan. 1963 for mortgage and loan insurance. Revised Jan. 1963. [1963.] 16 p. 4° (FHA 2575.) [Page 16 is left blank to be used for notes.] * Paper, 10c. ● Item 594
HH 2.6: L 78/3/963

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4893 FHA experience with mortgage foreclosures and property acquisitions, report; prepared by M. Carter McFarland. Jan. 1963. [1]+vi+81 p. il. 4° ([FHA 554.]) * Paper, 50c. ● Item 589
L.C. card 63-60651 HH 2.2 : M 84/8

4894 FHA financing for home purchases and home improvements, guide to financing costs and home buying ability. [1963.] 8 p. 4° (FHA no. 428 rev. 11/62.) * Paper, 5c. ● Item 589-A HH 2.6/6 : H 75/3/962-2

4895 FHA regulations: [Home mortgage insurance, amendment to sec. 203]. [1963.] [4] p. ([FHA 3000.]) [Includes Home transmittal memorandum 18, Jan. 23, 1963. Issued in loose-leaf form.] †
HH 2.6 : M 84/7/trans.18

4896 —— [Home mortgage insurance, amendments to sec. 203 and 220]. [1962.] [6] p. ([FHA 3000.]) [Includes Home transmittal memorandum 17, Nov. 30, 1962. Issued in loose-leaf form.] † HH 2.6 : M 84/7/trans.17

4897 —— [Project mortgage insurance, amendments to sec. 207, 213, 220, 221, 231 and 232]. [1962.] [26] p. ([FHA 4000.]) [Includes Project transmittal memorandum 10, Oct. 17, 1962. Issued in loose-leaf form.] †
HH 2.6 : M 84/6/memo.10

4898 —— [Project mortgage insurance, amendments to sec. 207, 213, 220, 221 and 232]. [1963.] [16] p. ([FHA 4000.]) [Includes Project transmittal memorandum 11, Nov. 30, 1962. Issued in loose-leaf form.] †
HH 2.6 : M 84/6/memo.11

4899 Mortgagees' handbook [new and revised pages; Feb. 1963]. [1963.] [27] p. [Includes transmittal memorandum 1. Issued in loose-leaf form.] †
● Item 589-A HH 2.6/6 : M 84/962/trans.1

FEDERAL MARITIME COMMISSION

4900 1st annual report of Federal Maritime Commission, fiscal year 1962. [1963.] vii+34 p. [Also issued as H. doc. 36, 88th Cong., 1st sess.]
* Paper, 20c. ● Item 233
L.C. card 63-60652 FMC 1.1 : 962

FMC SP (series). [Processed.]

4901 63-1. Remarks by Thomas E. Stakem, chairman, Federal Maritime Commission, before meeting of Southwest Shippers Advisory Board, Corpus Christi, Tex., Jan. 24, 1963. [1963.] 7 leaves, 4° † FMC 1.9 : 63-1

FEDERAL POWER COMMISSION

F.P.C. S (series). ● Item 440

4902 155. Statistics of electric utilities in United States, 1961, classes A and B privately owned companies. [1963.] xxxiv+[345] p. il. 4° * Paper, $2.25.
L.C. card 41-50431 FP 1.21 : 155

4903 Rules of practice and procedure [including general policy and interpretations, organization, and Administrative procedure act], transmittal sheet 1; Dec. 14, 1962. [1963.] [21] p. [Issued in loose-leaf form.]
* Paper, $1.00 (including basic book and supplementary service for an indefinite period); 50c. additional for foreign mailing. ● Item 439
FP 1.6 : 962/trans.1

FEDERAL REGISTER OFFICE, General Services Administration

Code of Federal regulations and Cumulative pocket supplements.

NOTE.—For the convenience of those who maintain complete sets of the Code of Federal regulations, arrangements have been made to supply the 1962 pocket supplements for use during 1963 and any completely revised volumes issued in 1963 on a subscription basis at $100.00 a year, $30.00 additional for foreign mailing. The revised volumes and supplements will be mailed as printed and all subscribers will receive expiration notices in ample time to renew their subscriptions, thus avoiding loss of continuity. The Superintendent of Documents will continue to make available the revised volumes and individual supplements for those who do not maintain complete sets.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

4904 Code of Federal regulations: title 46 [Shipping], pt. 146–149, revised as of Jan. 1, 1963. [1963.] vi+857 p. il. [Contains codification of documents of general applicability and future effect as of Jan. 1, 1963, with ancillaries. [Includes lists of current and superseded volumes. Published as special edition of Federal register pursuant to sec. 11 of Federal register act as amended. As of Jan. 1, 1963, title 46, pt. 146–149, revised Jan. 1, 1960, replaced by this volume.] * Paper, $2.25. ● Item 572
L.C. card 49–46198 GS 4.108: 46/pt.146–149/963

4905 Cumulative pocket supplement to Code of Federal regulations, title 7, Agriculture, pts. 1–50, as of Jan. 1, 1963. [1963.] iv+228 p. [Title 7, pts. 1–50, revised as of Jan. 1, 1959, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 70c. ● Item 572
L.C. card 49–46198 GS 4.108: 7/pt.1–50/supp.963

4906 —— title 8, Aliens and nationality, as of Jan. 1, 1963. [1963.] iv+136 p. [Title 8, revised as of Jan. 1, 1958, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 50c. ● Item 572
L.C. card 49–46198 GS 4.108: 8/supp.963

4907 —— title 9, Animals and animal products, as of Jan. 1, 1963. [1963.] iv+220 p. [Title 9, revised as of Jan. 1, 1959, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 70c. ● Item 572
L.C. card 49–46198 GS 4.108: 9/supp.963

4908 —— title 20, Employees' benefits, as of Jan. 1, 1963. [1963.] iv+124 p. [Title 20, revised as of Jan. 1, 1961, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 50c. ● Item 572
L.C. card 49–46198 GS 4.108: 20/supp.963

4909 —— title 22, Foreign relations, title 23, Highways, as of Jan. 1, 1963. [1963.] iv+177 p. [Titles 22 and 23, revised as of Jan. 1, 1958, supplemented with this cumulative pocket supplement brings these titles up to date as of Jan. 1, 1963.] * Paper, 60c. ● Item 572
L.C. card 49–46198 GS 4.108: 22,23/supp.963

4910 —— title 26, Internal revenue, pts. 20–29, as of Jan. 1, 1963. [1963.] iv+55 p. * Paper, 35c. ● Item 572
L.C. card 39–29399 GS 4.108: 26/pt.20–29/supp.963

4911 —— title 26, Internal revenue, pts. 30–39, as of Jan. 1, 1963. [1963.] iv+39 p. [Title 26, pts. 30–39 revised as of Jan. 1, 1961, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 30c. ● Item 572
L.C. card 49–46198 GS 4.108: 26/pt.30–39/supp.963

4912 —— title 26, Internal revenue, pts. 40–169, as of Jan. 1, 1963. [1963.] iv+203 p. [Title 26, pts. 40–169, revised as of Jan. 1, 1961, supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 65c. ● Item 572
L.C. card 49–46198 GS 4.108: 26/pt.40–169/supp.963

4913 —— title 26, Internal revenue, pts. 170–299, as of Jan. 1, 1963. [1963.] iv+147 p. [Title 26, parts 170–299, revised as of Jan. 1, 1961, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 55c. ● Item 572
L.C. card 49–46198 GS 4.108: 26/pt.170–299/supp.963

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

4914 —— title 26, Internal revenue, pts. 300–499, as of Jan. 1, 1963. [1963.] iv+63 p. * Paper, 35c. ● Item 572
L.C. card 49–46198 GS 4.108 : 26/pt.300–499/supp.963

4915 —— title 26, Internal revenue, pts. 500–599, as of Jan. 1, 1963. [1963.] iv+29 p. [Title 26, pts. 500–599, revised as of Jan. 1, 1961, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 30c. ● Item 572
L.C. card 49–46198 GS 4.108 : 26/pt.500–599/supp.963

4916 —— title 26, Internal revenue, pt. 600 to end, as of Jan. 1, 1963. [1963.] iv+41 p. [Title 26, pt. 600 to end revised as of Jan. 1, 1961, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 30c. ● Item 572
L.C. card 49–46198 GS 4.108 : 26/pt.600–end/supp.963

4917 —— title 27, Intoxicating liquors, as of Jan. 1, 1963. [1963.] iv+27 p. * Paper, 30c. ● Item 572
L.C. card 39–29399 GS 4.108 : 27/supp.963

4918 —— title 32, National defense, pts. 400–589, as of Jan. 1, 1963. [1963.] iv+61 p. [Title 32, pts. 400–589, revised as of Jan. 1, 1962, supplemented with this cumulative pocket supplement brings these parts up to date as of Jan. 1, 1963.] * Paper, 35c. ● Item 572
GS 4.108 : 32/pt.400–589/supp.963

4919 —— title 32, National defense, pts. 590–699, as of Jan. 1, 1963. [1963.] iv+68 p. * Paper, 40c. ● Item 572
L.C. card 39–29399 GS 4.108 : 32/pt.590–699/supp.963

4920 —— title 35, Panama Canal, as of Jan. 1, 1963. [1963.] iv+45 p. [Title 35, revised as of Jan. 1, 1960 supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 35c. ● Item 572
L.C. card 49–46198 GS 4.108 : 35/supp. 963

4921 —— title 36, Parks, forests, and memorials, as of Jan. 1, 1963. [1963.] iv+90 p. [Title 36, revised as of Jan. 1, 1960, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 40c. ● Item 572
L.C. card 49–46198 GS 4.108 : 36/supp. 963

4922 —— title 37, Patents, trade-marks, and copyrights, as of Jan. 1, 1963. [1963.] [1]+iv+42 p. [Title 37, revised as of Jan. 1, 1960 supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 30c. ● Item 572
L.C. card 49–46198 GS 4.108 : 37/supp. 963

4923 —— title 42, Public health, as of Jan. 1, 1963. [1963.] iv+128 p. [Title 42, revised as of Jan. 1, 1960, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 50c. ● Item 572
L.C. card 49–46198 GS 4.108 : 42/supp. 963

4924 —— title 44, Public property and works, as of Jan. 1, 1963. [1963.] iv+[83] p. [Title 44, revised as of Jan. 1, 1960, supplemented with this cumulative pocket supplement brings this title up to date as of Jan. 1, 1963.] * Paper, 40c. ● Item 572
L.C. card 49–46198 GS 4.108 : 44/supp. 963

4925 —— title 50, Wildlife and fisheries, as of Jan. 1, 1963. [1963.] iv+96 p. * Paper, 45c. ● Item 572
L.C. card 39–29399 GS 4.108 : 50/supp. 963

FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS

Regulation (series). †

4926 1. Issue and cancellation of capital stock of Federal reserve banks; as revised effective Feb. 1, 1963. n.p. [1963.] [3]+12 p. [Title 12, Code of Federal regulations, pt. 209.] FR 1.6 : I/963

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

4927 State member banks of Federal reserve system and nonmember banks that maintain clearing accounts with Federal reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal reserve banks as of Dec. 31, 1962. [1963.] [1]+19 p. 4° [Processed.] †
L.C. card 54-34253 FR 1.11/5: 962

FEDERAL SAFETY COUNCIL, Labor Dept.

4928 Guide for development of management safety policy statements. [1963.] 9 leaves, 4° [Processed.] † L 30.10: M 31

4929 Safety of public at Federal installations, [address by] Ralph Kuhli, director, Public Safety Department, National Safety Council [at] 17th annual conference, Federal Safety Council, Chicago, Oct. 29, 1962. [1963.] 13 leaves, 4° [Processed.] † L 30.9: K 95

FEDERAL SUPPLY SERVICE, General Services Administration

4930 Federal specifications. ● Item 563 GS 2.8:

NOTE.—These specifications are now so completely covered by the Index of Federal specifications, standards, and handbooks with cumulative monthly supplements, that listing in the Monthly Catalog of United States Government Publications represents unnecessary and wasteful duplication of effort. For that reason they will no longer be listed.

Complete information on the Index of Federal specifications will be found in the Appendix to the February 1963 issue of the Monthly Catalog under Entry number 3778.

Federal standard. [Issued with perforations.] ● Item 563

NOTE.—Federal standards may be purchased from the General Services Administration, Business Service Center, Region 3, 7th and D Streets, S.W., Washington 25, D.C. *All checks and money orders should be made payable to the Treasurer of the United States.* Single copies are available without charge at the nearest GSA regional office.

4931 108e. Labels, paper, gummed; Jan. 15, 1963. [1962.] 3 p. 4° (FSC 7530.) [UU-L-49, issue in effect. Supersedes Int. Fed. std. 00108d (GSA-FSS), Mar. 8, 1962 and Fed. std. 108c, Apr. 29, 1959.] † Paper, 5c.
GS 2.8/3: 108e

4932 Stores stock catalog, [Sept. 1962: insert], Region 3, special information of availability of stores stock items. Jan. 15, 1963. [1]+5 p. 4° [Processed.] † ● Item 565-B GS 2.10/2: 962/insert-5

FEDERAL TRADE COMMISSION

4933 Annual report of Federal Trade Commission for fiscal year 1962. [1963.] viii+161 p. il. [Also issued as H. doc. 7, 88th Cong., 1st sess.] * Paper, 45c. ● Item 533
L.C. card 15-26727 FT 1.1: 962

4934 Statement on fair advertising landmarks, by Everette MacIntyre, member of Federal Trade Commission, at meeting of Food, Drug and Cosmetic Law Section, New York State Bar Association, New York, N.Y., Jan. 22, 1963. [1963.] [1]+21 p. 4° [Processed.] † FT 1.14: M 18

FISH AND WILDLIFE SERVICE, Interior Dept.

C.F.S. (series). [Processed.] † I 49.8/2: (nos.)

4935 2291. Shrimp landings, 1959, annual summary. Revised [edition]. [1962.] 22 p. il. 4° (Bureau of Commercial Fisheries.) [Prepared in cooperation with fishery agencies of North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and Texas.]

4936 2862. Canned fishery products, 1961, annual summary. Revised [edition]. [1962.] 16 p. il. 4° (Bureau of Commercial Fisheries.)

4937 2863. Industrial fishery products, 1961, annual summary. Revised [edition]. [1962.] 9 p. il. 4° (Bureau of Commercial Fisheries.)

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4938 3093. Manufactured fishery products, 1961, annual summary. [1963.] 7 p. il 4° (Bureau of Commercial Fisheries.)

4939 3150. Advance report on fisheries of United States, 1962; by E. A. Power. [Jan. 1963.] 25 p. il. 4° (Bureau of Commercial Fisheries.) [This report issued in advance of Fisheries of United States, 1962, preliminary review, C.F.S. 3200.]

4940 Careers in Bureau of Sport Fisheries and Wildlife, for fishery biologists and wildlife biologists, brochure for applicants. [Dec. 1962, published 1963.] cover title, 16 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) † ● Item 612 I 49.2 : C 18

Circulars. ● Item 609 I 49.4 : (nos.)

4941 31. This is trout hatchery, operated by Bureau of Sport Fisheries and Wildlife to help manage our sport fishery resources and provide recreation for millions of Americans. Revised 1962. [1962.] [8] p. il. narrow 8° (Bureau of Sport Fisheries and Wildlife.) †

4942 150. Safety manual for fishermen, captains, and owners of New England fishing vessels. July 1962 [published 1963]. iv+65 p. il. 12° [Text on p. 3 and 4 of cover. Adapted for fishing industry from material supplied under contract by Ebasco Services, Inc., New York.] †
L.C. card 63-60702

4943 157. 6 questions everybody asks at national fish hatcheries. [1963.] [8] p. il. narrow 8° (Bureau of Sport Fisheries and Wildlife.) †

Commercial fisheries review, separates. [Processed.] † I 49.10/a : (nos.)

4944 654. Use of environmental and economic factors to check biological fluctuations in Maine lobster population [with bibliography]; by Robert L. Dow. [1962.] p. 6-8, il. 4° [From v. 24, no. 8, Aug. 1962.]

4945 655. Blue crab and its fishery in Chesapeake Bay, pt. 2, types of gear for hard crab fishing [with list of literature cited]; by W. A. Van Engel. [1962.] 10 p. il. 4° [From v. 24, no. 9, Sept. 1962.]

4946 657. Method of predicting fluctuations in sea scallop populations of Maine [with bibliography]; by Robert L. Dow. [1962.] 4 p. il. 4° [From v. 24, no. 10, Oct. 1962.]

4947 658. Accuracy of net-weight determinations for frozen glazed halibut steaks [with list of literature cited]; by Max Patashnik. [1962.] p. 5-8, 4° [From v. 24, no 10, Oct. 1962.]

Commercial fisheries [technology leaflet] TL (series). [Processed.] †

4948 19. Fish-farming industry [with bibliography]; by June H. Olden. Revised Jan. 1960. [1960.] 19 p. 4° I 49.46 : 19

Conservation note.

4949 11. Pronghorn antelope; [prepared in Office of Information]. [July 1962.] [6] p. il. 4° [Issued with perforations.] † I 49.36/2 : 11

Educational aids [posters]. [Processed.] † I 49.54 : (nos.)

4950 1. Research and management for food and recreation, work of Fish and Wildlife Service. May 1962. 10.5 x 8 in.

4951 2. Conservation has gone to sea, program of Bureau of Commercial Fisheries. [1963.] 22 x 17 in.

Fishery bulletin. ● Item 611

4952 211. Distribution of tunas in oceanic waters of northwestern Atlantic [with list of literature cited]; by James L. Squire, jr. 1962. iv+323-341 p. il. 4° (Bureau of Commercial Fisheries.) [From v. 62.] * Paper, 20c.
L.C. card 63-60603 I 49.27 : 211

4953 Fishery bulletin of Fish and Wildlife Service, v. 60 [title page, contents and index]. [1963.] iv+503-505 p. 4° [Bulletins 156-177, 1959-60.] † ● Item 611 I 49.27 : 156-177/t.p.& ind

4954 —— v. 61 [title page, contents and index]. [1963.] iv+497-499 p. 4° [Bulletins 178-197, 1960-62.] † ● Item 611 I 49.27 : 178-197/t.p.& ind.

Fishery leaflets. [Processed.] † I 49.28 : (nos.)

4955 336. Commercial fisheries outlook, Oct.-Dec. 1962. [Oct. 1962.] 4 p. 4° (Bureau of Commercial Fisheries.)

4956 459. Freshwater fish diseases caused by bacteria belonging to genera Aeromonas and Pseudomonas [with annotated bibliography]; by S. F. Snieszko. July 1958, revised Aug. 1962. [1962.] 7 p. 4° (Bureau of Sport Fisheries and Wildlife.)

4957 510. Great Lakes trawler conversion [with selected references]; by William G. Gordon and Keith D. Brouillard. Mar. 1961. [2]+15 p. il. 4°

*For Sale by Superintendent of Documents
Φ For Sale by OTS, Commerce Dept.
● Sent to Depository Libraries

[Refuge leaflets.] [Processed.] † I 49.44:(nos.)

4958 29. Sacramento National Wildlife Refuge. [Revised Nov. 1962.] [1962.] 4 p. il. 4° ([Bureau of Sport Fisheries and Wildlife.])
4959 112. Birds of Havasu Lake National Wildlife Refuge. [Apr. 1954, revised Dec. 1962.] [1962.] 4 p. 4°
4960 127. Birds of Chautauqua National Wildlife Refuge. [Sept. 1954, revised Dec. 1962.] [1962.] 4 p. 4°
4961 144. Birds of Moosehorn National Wildlife Refuge. [Apr. 1955, revised Dec. 1962.] [1962.] 4 p. 4°
4962 206. Birds of Fish Springs National Wildlife Refuge. [Oct. 1962.] 3 p. 4°
4963 305. Mammals of San Andres National Wildlife Refuge. [Nov. 1962.] 4 p. 4°
4964 306. Mammals of Aransas National Wildlife Refuge. [Nov. 1962.] 4 p. il. 4°
4965 307. Mammals of Wichita Mountains Wildlife Refuge. [Nov. 1962.] 4 p. il. 4°
4966 308. Mammals of Salt Plains National Wildlife Refuge. [Nov. 1962.] 3 p. 4°
4967 309. Mammals of Desert Game Range. [Nov. 1962.] 4 p. 4°
4968 507. Lacreek National Wildlife Refuge. [Oct. 1962.] 4 p. il. 4° (Bureau of Sport Fisheries and Wildlife.)

Special scientific reports: Fisheries (series). ‡ I 49.15/2:(nos.)

4969 405. Interchange of stream and intragravel water in salmon spawning riffle [with list of literature cited]; by Walter G. Vaux. Mar. 1962. iii+11 p. il. 4° (Bureau of Commercial Fisheries.) [Contribution 82, College of Fisheries, University of Washington.]
4970 425. Chum salmon resources of Alaska from Bristol Bay to Point Hope [with list of literature cited]; by Chester R. Mattson. May 1962. iii+22 p. il. 4° (Bureau of Commercial Fisheries.)

—— Wildlife (series). [Processed.] † I 49.15/3:(nos.)

4971 68. Waterfowl status report, 1962 [with list of literature cited]; compiled by J. Donald Smith. Oct. 1962. iv+127 p. il. 4° (Bureau of Sport Fisheries and Wildlife.)
4972 70. Mourning dove status report, 1962 [with list of literature cited]; compiled by Howard M. Wight. Nov. 1962. iv+33 p. il. 4° (Bureau of Sport Fisheries and Wildlife.)

Wildlife leaflets. [Processed.] † I 49.13:(nos.)

4973 445. Nutria in United States [with list of references cited]; by Richard H. Manville. Aug. 1962. 4 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) [Supersedes Wildlife leaflet 389, June 1957.]
4974 447. Directory of national wildlife refuges. [Oct. 1962.] 14 p. il. 4° (Bureau of Sport Fisheries and Wildlife.) [Supersedes WL-427, Jan. 1961.]

FOOD AND DRUG ADMINISTRATION, Health, Education, and Welfare Dept.

F.D.C. regs. ● Item 480

4975 pt. 29. Fruit butters, jellies, preserves, definitions and standards under Federal food, drug, and cosmetic act. Revised Feb. 1961, reprinted Nov. 1962. [1963.] 21 p. 4° [Unofficial print of definitions and standards of identity. Issued with perforations.] * Paper, 15c. FS 13.106/2:29/2

4976 Federal food, drug, and cosmetic act as amended, F.D.C. act. [1963.] [61] p. 4° [Issued in loose-leaf form.] * Paper, 40c. ● Item 475-B
L.C. card 61-64793 FS 13.105:F 73/963

FOREIGN AGRICULTURAL SERVICE, Agriculture Dept.

[Foreign Agricultural Service, miscellaneous] FAS M (series). †

4977 142. U.S. grain exports under Government programs, 1961-62, wheat and flour, coarse grains, rice. Jan. 1963. 15 p. 4° [Processed.] A 67.26:142

4978 Prospects for foreign trade in livestock and meat [with list of Selected publications on livestock and meat]. Jan. 1963. ii+26 p. il. 4° [Processed.] †
L.C. card 60-61470 A 67.30:L 75/963

FOREST SERVICE, Agriculture Dept.

Central States Forest Experiment Station: Technical paper. [Processed.]

4979 191. Methods and costs of killing hardwood culls [with list of literature cited; by] Russell A. Ryker, Leon S. Minckler. Nov. 1962. [3]+9 p. il. 4° † A 13.68/7:191

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4980 Deer browse plants of southern forests [with list of Taxonomic references]; editors, Lowel K. Halls, Thomas H. Ripley. 1961. [2]+78 p. il. 4° [Published by Southern and Southeastern Forest Experiment Stations in cooperation with Forest Game Research Committee of Southeastern Section of Wildlife Society.] †
L.C. card Agr 63-77 A 13.40/2 : D 36

Forest pest leaflet. ● Item 82-A

4981 75. Beech bark disease [with list of references]; by Alex L. Shigo. Jan. 1963. 8 p. il. †
L.C. card Agr 63-75 A 13.52 : 75

4982 How our forests serve us. [Revised Feb. 1963.] [1963.] 4 p. 4° ([0-24].) † ● Item 84 A 13.2 : F 76/60/963

Intermountain Forest & Range Experiment Station: Research paper. [Processed.] †

4983 69. Preliminary aerial volume tables for pinyon-juniper stands [with list of literature cited]; by Karl E. Moessner. Dec. 1962. cover title, 12 p. il. 4° A 13.65/7 : 69

4984 Management systems in Forest Service, brief description of systems and their correlation [with lists of references]. Dec. 1962. cover title, ii+17 p. il. 4° * Paper, 20c. ● Item 84
L.C. card Agr 63-76 A 13.2 : M 31/6

Rocky Mountain Forest and Range Experiment Station: Research notes. [Processed.] † A 13.69/8 : (nos.)

4985 77. Activities of sheep on crested wheatgrass lambing range; by H. W. Springfield. Sept. 1962. 6 p. il. 4°
4986 78. Use of natural openings in ponderosa pine forest of Arizona by deer, elk, and cattle; by Hudson G. Reynolds. Nov. 1962. 4 p. il. 4°
4987 80. Effect of logging on understory vegetation and deer use in ponderosa pine forest of Arizona; by Hudson G. Reynolds. Dec. 1962. 7 p. il. 4°
4988 81. Removal of tamarisk reduces watertable fluctuations in central Arizona; by Howard L. Gary. Dec. 1962. 6 p. il. 4°
4989 82. Growth curves for ponderosa pine in Nebraska windbreaks; by D. H. Sander. Dec. 1962. 3 p. 4°

—— Station papers. [Processed.] † A 13.69/7 : (nos.)

4990 71. Avalanche control in starting zone, translation of Swiss guidelines; [by Hans Frutiger]. Sept. 1962. cover title, [4]+60 p. il. 4°
4991 72. Canopy camera [with list of literature cited]; by Harry E. Brown. Oct. 1962. [2]+22 p. il. 4°
4992 73. Pulp and papermaking opportunities in west central Colorado [with list of literature cited; by Jay Hughes. Nov. 1962. [4]+48 p. il. map pasted on inside back cover, 4° (Another illustration and text on p. 1 and 2 of cover. Map is colored.]

FREER GALLERY OF ART, Smithsonian Institution

4993 Whistler Peacock Room [with bibliographies]. 1962 [Port City Press, Inc., Baltimore, Md.]. vii+22 p. il. † Paper, 35c.
L.C. card 63-60653 SI 7.2 : W 57/962

GENERAL ACCOUNTING OFFICE

GAO manual for guidance of Federal agencies [titles 1-9]. [Issued in loose-leaf form.] * Paper, $10.00 (including basic manual asd supplementary service); $3.00 additional for foreign mailing.
GA 1.6/10 : 957/trans. (nos.)

4994 title 5. Transportation, transmittal sheet 5-14; July 31, 1962. [1962.] [14] p.
4995 title 5. Transportation, transmittal sheet 5-15; Dec. 28, 1962. [1963.] [9] p.

NOTE.—Title 5 is sold separately on a subscription basis, * Paper, $2.25 (including supplementary service); 75c. additional for foreign mailing.

4996 Index-digest of published decisions of Comptroller General of United States, July 1, 1956-June 30, 1961; [compiled in Index-Digest Section of Office of General Counsel]. [1962, published 1963.] vii+[1]+686 p. * Cloth, $2.75. ● Item 546
L.C. card 41-50930 GA 1.5/3 : 956-61

*For Sale by Superintendent of Documents
Φ For Sale by OTS, Commerce Dept.
● Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

4997 Report to Congress of United States: Audit of Federal Deposit Insurance Corporation, year ended June 30, 1962; by Comptroller General of United States. Jan. 1963. [3]+29 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 46-26866 GA 1.13: F 31/8/962

4998 —— Audit of Federal Home Loan Bank Board, fiscal year 1962; by Comptroller General of United States. Jan. 1963. [3]+21 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 50-61258 GA 1.13: F 31/7/962

4999 —— Audit of Federal home loan banks, supervised by Federal Home Loan Bank Board year ended June 30, 1962; by Comptroller General of United States. Jan. 1963. [3]+32 leaves, 4° [Processed.] † (Very limited distribution.)
L.C. card 50-61258 GA 1.13: F 31/3/962

5000 —— Audit of Federal Prison Industries, Inc., Department of Justice, fiscal year 1962; by Comptroller General of United States. Jan. 1963. [3]+15 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 46-27743 GA 1.13: F 31/6/962

5001 —— Audit of Federal Savings and Loan Insurance Corporation supervised by Federal Home Loan Bank Board, year ended June 30, 1962; by Comptroller General of United States. Jan. 1963. [5]+27 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 48-46844 GA 1.13: F 31/10/962

5002 —— Examination of financial statements of Federal National Mortgage Association, Housing and Home Finance Agency, fiscal year 1962; by Comptroller General of United States. Feb. 1963. [4]+17 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60654 GA 1.13: F 31/12/962

5003 —— Failure of Department of Navy to use its excess spare parts and assemblies in production of Navy aircraft; by Comptroller General of United States. Feb. 1963. [4]+22 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60687 GA 1.13: Ai 7/37

5004 —— Review of air travel by personnel of Federal Housing Administration, Housing and Home Finance Agency; by Comptroller General of United States. Feb. 1963. [3]+9 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60689 GA 1.13: Ai 7/38

5005 —— Review of certain unusual aspects of retirement provisions for enlisted personnel, Coast Guard, Treasury Department; by Comptroller General of United States. Jan. 1963. [4]+19 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60655 GA 1.13: C 63/2

5006 —— Review of reenlistment of undesirable military personnel; by Comptroller General of United States. Feb. 1963. [4]+16 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60690 GA 1.13: R 25

5007 —— Review of renovation of housekeeping quarters no. 23, Veterans Administration center, Los Angeles, Calif.; by Comptroller General of United States. Jan. 1963. [4]+12 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60688 GA 1.13: V 64/6

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5008 —— Review of selected design and construction activities of Federal-aid highway program in Virginia, Bureau of Public Roads, Department of Commerce; by Comptroller General of United States. Feb. 1963. [4] +99 leaves, il. 4° [Processed.] † (Very limited distribution).
L.C. card 63-60560 GA 1.13 : H 53/12

5009 —— Review of uneconomical procurement of certain aircraft engine bearings by Department of Navy; by Comptroller General of United States. Jan. 1963. [4]+34 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60554 GA 1.13 : B 38

5010 —— Review of warehousing operations under 1959 and 1960 cotton purchase programs, Commodity Credit Corporation, Department of Agriculture; by Comptroller General of United States. [Jan. 1963.] [5] +39 leaves, 4° [Processed.] † (Very limited distribution).
L.C. card 63-60570 GA 1.13 : C 82/2

GENERAL SERVICES ADMINISTRATION

5011 Annual report of Administrator of General Services, [fiscal year] 1962. [1963.] viii+57 p. [Rubber stamp correction on p. 14.] ‡ ● Item 558
L.C. card 50-60567 GS 1.1 : 962

GEOGRAPHIC NAMES BOARD, Interior Dept.

Decision list. [Processed.] †

5012 6202. Decisions on names in United States, decisions rendered from May–Aug. 1962. 1962. v+81 p.
L.C. card 10-26561 I 33.5/2 : 6202

GEOLOGICAL SURVEY, Interior Dept.

Bulletins. ● Item 620 I 19.3 : (nos.)

5013 1112-F. Geology of rocks of Pennsylvanian age in southern half of Tremont quadrangle, Schuylkill County, Pa. [with list of references]; by Gordon H. Wood, jr. [and others]. 1962. iv+181-208 p. il. 3 pl. in pocket. [Description of Pennsylvanian stratigraphy, anthracite beds, and structural features of part of Southern anthracite field. Contributions to economic geology. Two plates are colored.] * Paper, $1.50.

5014 1120. Coal reserves of Eastern Kentucky [with list of references cited]; by J. W. Huddle [and others]. 1963. x+247 p. il. 15 pl. 1 tab. in pocket. [Prepared in cooperation with Kentucky Geological Survey and U.S. Bureau of Mines. 10 pl. are colored.] * Paper, $2.50.
L.C. card GS 63-182

5015 1122-D. Geology of Anlauf and Drain quadrangles, Douglas and Lane Counties, Oreg. [with list of references]; by Linn Hoover. 1963. iv+62 p. il. 2 pl. in pocket. [Study of mineral resources in Tertiary and Quaternary deposits in west-central Oregon. Contributions to economic geology. One plate is colored.] * Paper, $1.00.

5016 1122-F. Geology and refractory clay deposits of Haldeman and Wrigley quadrangles, Ky. [with list of references cited], by Sam H. Patterson and John W. Hosterman; with section on Coal resources, by John W. Huddle. 1962. vi+113 p. il. 8 pl. in pocket. [Prepared in cooperation with Kentucky Geological Survey and Kentucky Agricultural and Industrial Development Board. Contributions to economic geology. Two plates are colored.] * Paper, $2.25.

5017 1140-A. Adsorption of cesium on clay minerals [with list of references cited]; by J. S. Wahlberg and M. J. Fishman. 1962. iv+30 p. il. [Ion exchange of mineral materials.] * Paper, 20c.

5018 1142-E. Geology of Calamity Peak area, Custer County, S. Dak. [with list of references cited]; by Donald H. Kupfer. 1963. iv+23 p. il. 2 pl. in pocket. [Prepared on behalf of Atomic Energy Commission. Contributions to Economic geology.] * Paper, 55c.

Professional papers. ● Item 624 I 19.16 : (nos.)

5019 257-B. Lake Bonneville, geology of southern Utah Valley, Utah [with list of references cited]; by Harold J. Bissell. 1963. iii+101-130 p. il. 1 pl. in pocket. [Stratigaphy, origin, and engineering properties of unconsolidated deposits of Pleistocene Lake Bonneville. Plate is colored.] * Paper, $1.25.

*For Sale by Superintendent of Documents
Φ For Sale by OTS, Commerce Dept.
● Sent to Depository Libraries

Professional papers—Continued

5020 304–A. Seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska : pt. 4, Geophysics [with list of references cited] ; by John R. Woolson and others. 1962. iv+25 p. il. 19 pl. in pocket. 4° [Prepared and published at request of and in cooperation with Department of Navy, Office of Naval Petroleum and Oil Shale Reserves. Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944–53.] * Paper, $2.50.

5021 382–B. Geologic effects of high-explosive tests in USGS tunnel area, Nevada test site [with list of literature cited] ; by J. M. Cattermole and W. R. Hansen. 1962. iii+31 p. il. 6 pl. in pocket. 4° [Prepared on behalf of Atomic Energy Commission and published with permission of Commission. Geologic investigations related to nuclear explosions.] * Paper, $1.50.

5022 414–E. Algebraic and graphic methods for evaluating discordant lead-isotope ages [with list of references cited] ; by L. R. Stieff, T. W. Stern, and R. N. Eicher. 1963. iii+27 p. il. 4° [Algebraic and graphic procedures for calculation of concordant age from discordant Pb^{206}/U^{238}, Pb^{207}/U^{235}, and Pb^{207}/Pb^{206} age data using 1 to 3 samples. Prepared on behalf of Atomic Energy Commission. Shorter contributions to general geology.] * Paper, 25c.

5023 434–C. Use of correlation to improve estimates of mean and variance [with list of references] ; by Myron B. Fiering. 1963. iii+9 p. 4° [Examination of criteria for extending streamflow records by correlation. Statistical studies in hydrology.] * Paper, 20c.

5024 440–Y. Data of geochemistry, 6th edition, Michael Fleischer, technical editor : chap. Y, Marine evaporites [with list of literature cited] ; by Frederick H. Stewart. 1963. vi+53 p. il. 1 pl. in pocket, 4° * Paper, 60c.

Water-supply papers. ● Item 625 I 19.13 : (nos.)

5025 1460–J. Geology and ground-water resources of Elizabethton-Johnson City area, Tenn. [with list of references cited] ; by Robert W. Maclay. 1962. iv+389–436+vi p. il. 1 pl. in pocket. [Prepared in cooperation with Tennessee Division of Geology. Contributions to hydrology of United States. Plate is colored. Includes title page and contents to Water-supply paper 1460.] * Paper, 70c.

5026 1475–L. Hydrology of stock-water development in Ely Grazing District, Nev. [with list of references] ; by Charles T. Snyder. 1963. iv+383–441 p. il. 1 pl. in pocket. [Prepared as part of Soil and Moisture Conservation Program of Department of Interior. Hydrology of public domain.] * Paper, 50c.

5027 1475–M. Ground-water resources of Bryce Canyon National Park area, Utah, with section on Drilling of test well [with list of references cited] ; by I. Wendell Marine. 1963. iv+441–486 p. il. 3 pl. in pocket. [Prepared in cooperation with National Park Service. Hydrology of public domain.] * Paper, 65c.

5028 1475–O. Hydrologic and geologic reconnaissance of Pinto Basin, Joshua Tree National Monument, Riverside County, Calif. [with list of references] ; by Fred Kunkel. 1963. iii+537–561 p. il. 1 pl. in pocket. [Prepared in cooperation with National Park Service. Hydrology of public domain. Plate is colored.] * Paper, 60c.

5029 1496–D. Occurrence and distribution of strontium in natural water [with list of references cited] ; by Marvin W. Skougstad and C. Albert Horr. 1963. iii+55–97+iii p. il. [Concerns work done on behalf of Atomic Energy Commission and is published with permission of Commission. Chemistry of strontium in natural water. Includes title page and contents to Water-supply paper 1496.] * Paper, 25c.

5030 1499–C. Water resources of Utica-Rome area, N.Y. [with list of selected references] ; by H. N. Halberg, O. P. Hunt, and F. H. Pauszek. 1962. iv+46 p. il. 3 pl. in pocket. [Water resources of industrial areas. Two plates are colored.] * Paper, $1.00.

5031 1539–K. Ground water in coastal dune area near Florence, Oreg. [with list of references cited] ; by E. R. Hampton. 1963. iv+36 p. il. 1 pl. in pocket. [Prepared in cooperation with Florence, Oreg. Contributions to hydrology of United States. Plate is colored.] * Paper, 65c.

5032 1544–G. Calculation of resistance and error in electric analog of steady flow through nonhomogeneous aquifers [with list of references] ; by Robert W. Stallman. 1963. iii+20 p. il. [General ground-water techniques.] * Paper, 15c.

5033 1576–A. Geology and promising areas for ground-water development in Hualapai Indian Reservation, Ariz. [with list of literature cited] ; by F. R. Twenter. 1962. iv+38 p. il. 1 pl. in pocket. [Prepared in cooperation with Bureau of Indian Affairs. Water supply of Indian reservations. Plate is colored.] * Paper, $1.50.

5034 1582. Geology and ground-water resources of Winkler County, Tex. [with list of references cited] ; by Sergio Garza and John B. Wesselman. 1962. v+162 p. il. and portfolio of 9 pl. [Prepared in cooperation with Texas Board of Water Engineers and Winkler County.] * Paper, $2.75.
L.C. card GS 63–180

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

5035 1601. Saline-water resources of New Mexico [with list of selected references]; by James W. Hood and Lester R. Kister. 1962. iv+70 p. il. and portfolio of 8 pl. 4° * Paper, $3.25.
L.C. card GS 63-181

5036 1614. Water resources of Red River Parish, La. [with selected bibliography]; by Roy Newcome, jr., and Leland V. Page. 1962. v+134 p. il. 13 pl. in pocket. [Prepared in cooperation with Louisiana Department of Public Works and Louisiana Geological Survey Department of Conservation.] * Paper, $1.50.
L.C. card GS 62-290

5037 1619-G. Causes of depletion of Pecos River in New Mexico [with list of references cited]; by Harold E. Thomas. 1963. iii+14 p. il. [Effects of recent ground-water development, drought, and phreatophytes. Contributions to hydrology of United States.] * Paper, 15c.

5038 1619-O. Problems of utilizing ground water in west-side business district of Portland, Oreg. [with list of references]; by S. G. Brown. 1963. iv+42 p. il. 2 pl. in pocket. [Prepared in cooperation with Oregon State engineer. Contributions to hydrology of United States.] * Paper, 65c.

HEALTH, EDUCATION, AND WELFARE DEPARTMENT

Facts on aging. (Special Staff on Aging.) † FS 1.13/5: (nos.)

5039 1. Population trends, national, 1790-1960. Jan. 1963. 3 p. 4°
5040 2. Trends in number of marriages of older persons, 1949-59, and characteristics of older brides and grooms, 1959. Jan. 1963. 7 p. 4°

5041 Highlights of legislation on aging: Federal legislation affecting older persons, 87th Congress, 2d session. Jan. 1963. 8 p. 4° (Special Staff on Aging; SSOA no. 504.) [Issued with perforations.] †
FS 1.13/4: 963/1

HOUSING AND HOME FINANCE AGENCY

5042 Equal opportunity in housing, Anna Hunt Billings Memorial Lecture, by Robert C. Weaver, Administrator, Housing and Home Finance Agency, [at] Smith College, Northampton, Mass., Feb. 8, 1963. [1963.] 15 p. 4° [Processed.] † HH 1.7: W 37/15

5043 Federal law, direct loans, housing for the elderly, excerpts from Housing act of 1959, as amended through Sept. 28, 1962. [1963.] [3] p. 4° † ● Item 583 HH 1.5: El 2/962

IMMIGRATION AND NATURALIZATION SERVICE, Justice Dept.

5044 Passenger travel between United States and foreign countries, by sea and air, by port of arrival or departure, year ended June 30, 1962. [1963.] [17] leaves, 4° [Processed.] †
L.C. card 63-60646 J 21.13: 962

INDIAN AFFAIRS BUREAU, Interior Dept.

5045 Higher education aids for Indian young people, 1956 [with list of suggested reading]; by Amanda H. Finley. [Sherman Press, Nov. 26, 1962.] 35 p. (Branch of Education.) [Text and illustration on p. 1 and 2 of cover.] † Publications Service, Haskell Institute, Lawrence, Kans.
L.C. card 63-60677 I 20.2: Ed 8/8

5046 Navajo yearbook, [1951-61, decade of progress]; compiled with articles by Robert W. Young. 1961. x+609 p. il. (Navajo Agency, Window Rock, Ariz; [Report 8].) [Processed. Other illustrations on p. 1 of cover.] †
L.C. card 56-21517 I 20.44: 8

INTERIOR DEPARTMENT

5047 1962 annual report, Secretary of Interior, Stewart L. Udall, fiscal year 1962. [1963.] lxxvi+[1]+450 p. il. * Paper, $1.75. ● Item 600
L.C. card 57-31367 I 1.1: 962

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

677108 O—63—No. 818——5

5048 Recent electric power developments in U.S.S.R., report of United States Delegation Tour to Soviet Russia, Aug. 28–Sept. 9, 1962, under U.S.–U.S.S.R. exchange agreement. [1963.] iv+63 p. il. 4° ‡ ● Item 603
L.C. card 63–60662 I 1.2 : Un 33

5049 Saline water conversion demonstration plant, Webster, S. Dak. [1962.] 8 p. il. † ● Item 604–A I 1.87/2 : W 39/962–2

[Saline water] research and development progress report. [Processed.]

5050 67. Effects of impressed electrostatic fields on salt water/air interface [with list of references]; by Tracor, Incorporated, Austin, Tex. Sept. 1962. iv+[51] p. il. 4° (Office of Saline Water.) Φ Paper, $1.50 (PB 181407). I 1.88 : 67

INTERNAL REVENUE SERVICE, Treasury Dept.

5051 Guide to laws enforced by Alcohol and Tobacco Tax Division, for law enforcement officers. [Revised Nov. 1962.] [1963.] 16 p. narrow 16° (Document 5173.) † ● Item 956–A
L.C. card 63–60735 T 22.19/2 : L 44/962

5052 Looseleaf regulations system: Service 1, Income tax, transmittal 24. Jan. 4, 1963. [97] p. 4° ● Item 961
L.C. card 61–60298 T 22.19/3 : 1/trans. 24

5053 —— Service 1, Income tax, transmittal 25. Jan. 18, 1963. [15] p. 4° ● Item 961
L.C. card 61–60298 T 22.19/3 : 1/trans. 25

5054 —— Service 1, Income tax, transmittal 26. Feb. 1, 1963. [16] p. 4° ● Item 961
L.C. card 61–60298 T 22.19/3 : 1/trans. 26

NOTE.—Service 1 consists of pts. 1, 2, 18, and 19 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, $10.00 (including basic material and supplements issued irregularly for approximately 3 years); $3.00 additional for foreign mailing.

5055 —— Service 4, Excise taxes, transmittal 15. Jan. 18, 1963. [8] p. 4°. ● Item 961
L.C. card 61–60298 T 22.19/3 : 4/trans. 15

NOTE.—Service 4 consists of pts. 40–50 and 148–152 of title 26 of Code of Federal regulations. It is sold on a subscription basis by the Superintendent of Documents, $5.00 (including basic material and supplements issued irregularly for approximately 3 years); $3.00 additional for foreign mailing.

INTERNATIONAL COMMERCE BUREAU, Commerce Dept.

NOTE.—The Bureau of International Business Operations and the Bureau of International Programs have been merged into the Bureau of International Commerce under the Assistant Secretary for Domestic and International Business. Publications will be assigned C 42. class numbers formerly assigned to publications of the Bureau of Foreign Commerce.

5056 Denial and probation orders currently affecting export privileges. Jan. 24, 1963. [1]+44 p. 4° (Office of Export Control; Bureau of International Programs.) [Processed. Reprint of supp. 1 to pt. 382 of Comprehensive export schedule.] † C 49.208/a : Ex 75/963

5057 Doing business in Greece, report of U.S. trade and Investment Development Mission to Greece; [Nov. 3–Dec. 5, 1962]. [1963.] 24 p. il. 4° (Trade Missions Division.) [Processed. Text and other illustrations on p. 1–4 of cover.] † Paper, 25c.
L.C. card 63–60716 C 42.19 : G 81

5058 Doing business in Japan, report of U.S. Machinery and Trade Mission to Japan, Oct. 8–Nov. 3, 1962. [1962.] 16 p. il. 4° (Trade Missions Division.) [Processed. Text and other illustrations on p. 2 and 4 of cover. Title on cover is: Report of U.S. Machinery Trade Mission, Oct. 6–Nov. 3, 1962, Doing business in Japan.] † Paper, 25c.
L.C. card 63–60717 C 42.19 : J 27/2

•For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5059 Doing business in Spain, report of U.S. Machinery Trade Mission to Spain, Nov. 3–Dec. 8, 1962. [1963.] 35 p. il. 4° (Trade Missions Division.) [Processed. Text and other illustration on p. 1–4 of cover.] † Paper, 25c.
L.C. card 63–60733 C 42.19: Sp 1

5060 Industry and opportunity in Italy, report of U.S. Industrial Automation Mission to Italy, Nov. 10–Dec. 15, 1962. [1963.] 32 p. il. 4° (Trade Missions Division.) [Processed. Text and other illustrations on p. 1, 2, and 4 of cover.] † Paper, 25c.
L.C. card 63–60732 C 42.19: It 1

Overseas business reports OBR (series). [Issued irregularly. Combines 3 parts of former World trade information service.] * Paper, $18.00 a yr., $12.00 additional for foreign mailing; single copy, each 15c. (1–3 yr. subs.). ● Item 231–B C 42.20: (nos.)

5061 62–12. Investment factors in Hong Kong; prepared by Maurice Kogon. Dec. 1962. 9 p. il. 4°
5062 62–15. Investment law of Republic of Congo (Brazzaville); prepared by A. A. Wilken, jr. Dec. 1962. 10 p. 4°
5063 62–16. Living conditions in Libya; prepared by Stephen Duncan-Peters. Dec. 1962. 8 p. 4° [Supersedes World trade information service, pt. 2, no. 57–19, Feb. 1957.]
5064 62–17. Industrial development law of Ecuador; prepared by Lawrence J. Comella. Dec. 1962. 10 p. 4°
5065 62–20. Investment law in Republic of Gabon; prepared by A. A. Wilken, jr. Dec. 1962. 10 p. 4°
5066 62–21. Preparing shipments to Viet-Nam; prepared by Daniel Szabo. Dec. 1962. 8 p. 4° [Supersedes World trade information service, pt. 2, no. 59–63.]
5067 62–22. Customs valuation under revised German customs law, effective Jan. 1962; prepared in European Division, Office of Regional Economics. Jan. 1963. 3 p. 4° [Supplements Preparing shipments to Fed. Rep. of Germany and West Berlin, World trade information service, pt. 2, no. 60–56, Nov. 1960, and Import tariff system of Federal Republic of Germany and West Berlin, World trade information service, pt. 2, no. 60–63, Dec. 1960.]
5068 62–24. Basic data on economy of Saudi Arabia; prepared by William D. Wolle. Dec. 1962. 8 p. il. 4° [Supersedes World trade information service, pt. 1, no. 58–81, Nov. 1958.]
5069 62–25. Investment law in Islamic Republic of Mauritania [prepared by Africa Division, Office of Regional Economics]. Dec. 1962. 4 p. 4°
5070 62–26. Import tariff system of Federation of Rhodesia and Nyasaland; prepared in Africa Division, Office of Regional Economics. Dec. 1962. 2 p. 4° [Supersedes World trade information service, pt. 2, no. 56–95, Sept. 1956.]
5071 62–28. Preparing shipments to Saudi Arabia; prepared by Roger D. Severance. Dec. 1962. 5 p. 4° [Supersedes World trade information service, pt. 2, no. 56–22, Mar. 1956.]
5072 62–30. Preparing shipments to Fed. Rep. of Germany and West Berlin; [prepared in European Division, Office of Regional Economics]. Dec. 1962. 7 p. 4° [Supersedes World trade information service, pt. 2, no. 60–56, Nov. 1960.]
5073 62–31. Investment law of Republic of Senegal; [prepared by Africa Division, Office of Regional Economics]. Dec. 1962. 6 p. 4°
5074 62–32. Investment law of Federal Republic of Cameroon; [prepared by Africa Division, Office of Regional Economics]. Dec. 1962. 5 p. 4°
5075 62–33. Patent and trademark regulations of Sweden; prepared by Irene V. Wright. Dec. 1962. 6 p. 4°
5076 62–34. Licensing and exchange controls of Indonesia; prepared by Virginia Webbert. Dec. 1962. 7 p. 4°
5077 62–36. Import tariff system of Burma; [prepared by Near East-South Asia Division, Office of Regional Economics]. Dec. 1962. 2 p. 4° [Supersedes World trade information service, pt. 2, no. 58–73, Nov. 1958.]
5078 62–37. Import tariff system of Guatemala; [prepared in American Republics Division, Office of Regional Economics]. Dec. 1962. 3 p. 4° [Supersedes World Trade Information Service, pt. 2, 59–28.]
5079 62–39. Preparing shipments to Mauritania; [prepared by Africa Division]. Dec. 1962. 7 p. 4°
5080 62–41. Establishing business in Lebanon; Dec. 1962. 8 p. 4°
5081 62–42. Establishing business in Ethiopia [with bibliography; prepared by Martin Jacobs]. Dec. 1962. 10 9.4°
5082 62–43. Import tariff system of Australia; [prepared by British Commonwealth Division, Office of Regional Economics]. Dec. 1962. 2 p. 4° [Supersedes World trade information service, pt. 2, no. 60–62, Nov. 1960.]
5083 62–44. Basic data on economy of Federation of Rhodesia and Nyasaland, general information; [prepared by John F. Handford]. Dec. 1962. 12 p. 4°

*For Sale by Superintendent of Documents
†For Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Overseas business reports OBR (series)—Continued

5084 63-2. Preparing shipments to Finland; prepared by Harold A. McNitt. Jan. 1963. 7 p. 4° [Supersedes World trade information service, pt. 2, no. 55-106, Sept. 1955.]

5085 63-7. Foreign trade of Federal Republic of Germany, 1960-61; [prepared by International Trade Analysis Division, Office of Regional Economics]. Jan. 1963. 8 p. il. 4°

5086 63-8. Contribution of imports to U.S. raw material supplies, 1961; [prepared by Muriel S. Moore]. Jan. 1963. 8 p. il. 4°

5087 63-10. Import tariff system of Canada; [prepared in British Commonwealth Division, Office of Regional Economics]. Jan. 1963. 3 p. 4° [Supersedes World Trade Information Service, pt. 2, no. 57-39, Apr. 1957.]

5088 63-26. India, growing market for U.S. products and investment; prepared by Jackson B. Hearn. Jan. 1963. 28 p. il. 4°

5089 63-28. United States trade with major world areas, Jan.-Sept. 1962; [prepared in International Trade Analysis Division]. Jan. 1963. 8 p. il. 4°

5090 63-33. United States foreign trade, Oct. 1962; [prepared in International Trade Analysis Division, Bureau of International Commerce]. Jan. 1963. 12 p. il. 4°

5091 Pensacola and challenge of trade expansion, address by Eugene M. Braderman, director, Bureau of International Commerce, Department of Commerce, scheduled for delivery at dedication of Dudley Hunt Marine Terminal, Pensacola, Fla., Jan. 14, 1963. [1963.] 4 leaves, 4° [Processed.] †
C 42.18: B 72

5092 Saudi Arabia, market for U.S. products; by Albert N. Abdo. [1963.] viii+44 p. il. 4° * Paper, 40c. ● Item 231-B
L.C. card 63-60729 C 42.20/2: Sa 8

INTERNATIONAL DEVELOPMENT AGENCY, State Dept.

5093 Food for peace around world, manual for leaders in community feeding programs. [Oct. 1962.] [1]+vi+51 p. il. 4° [Processed.] †
L.C. card 63-60549 S 18.8: F 73

Science, technology, and development, United States papers prepared for United Nations Conference on Application of Science and Technology for Benefit of Less Developed Areas. ● Item 900-C-2
L.C. card 63-60293 S 18.2: Sci 2/v. (nos.)

5094 v. 1. Natural resources: Energy, water and river basin development [articles, with lists of references]. [1962.] ix+378 p. il. * Paper, $1.25.

5095 v. 2. Natural resources: Minerals and mining mapping and geodetic control [articles, with lists of references]. [1963.] vii+355 p. il. * Paper, $1.00.

5096 v. 6. Health and nutrition [articles, with lists of references]. [1963.] vi+196 p. il. * Paper, 60c.

5097 Selected list of U.S. readings on development prepared for United Nations Conference on Application of Science and Technology for Benefit of Less Developed Areas; by Saul M. Katz and Frank McGowan. [1963.] xvii+363 p. * Paper, $1.25. ● Item 900-C-2
L.C. card 63-60543 S 18.2: Sci 2/readings

5098 Voluntary foreign relief programs, activities of registered American voluntary agencies, Advisory Committee on Voluntary Foreign Aid, Jan. 1-June 30, 1962. [Jan. 8, 1963.] [2]+5 p. oblong 8° (W-409 & 410; [Statistics and Reports Division].) [Processed.] † S 18.19: 962

INTERNATIONAL LABOR AFFAIRS BUREAU, Labor Dept.

5099 International labor study: Miners' International Federation; [prepared by Daniel C. Lazorchick]. 1962 [published 1963]. vii+210 p. il. * Paper, 60c. ● Item 762-B
L.C. card L63-24 L 29.8: M 66

INTERSTATE COMMERCE COMMISSION

5100 Analysis of mechanical defect accidents of motor carriers; years 1959-61. [1961.] [6]+68 p. 4° (Bureau of Motor Carriers.) [Processed.] †
L.C. card A43-2281 IC 1 mot.20: 959-61

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5101 Cost of transporting freight by class 1 and class 2 motor common carriers of general commodities, East-South territory, 1961; prepared by Cost Finding Section. Jan. 1963. cover title, [2]+51 p. 4° (Statement 1-63. Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 35c. ● Item 682-A
L.C. card A63-7185 IC 1 acco.2 F 88/10/961

5102 —— eastern-central territory, 1961; prepared by Cost Finding Section. Jan. 1963. cover title, ii+51 p. 4° (Statement 2-63. Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 35c. ● Item 682-A
L.C. card A63-7186 IC 1 acco.2 : F 88/8/961

5103 —— Southern region, 1961; prepared by Cost Finding Section. Jan. 1963. cover title, ii+51 p. 4° (Statement 3-63; Bureau of Accounts.) [This study, issued as information, has not been adopted by Interstate Commerce Commission.] * Paper, 35c. ● Item 682-A
L.C. card A63-7187 IC 1 acco.2 : F 88/12/961

5104 Decisions of Interstate Commerce Commission (finance reports), Aug. 1958-Mar. 1960. 1961 [published 1962]. xxi+875 p. (Interstate Commerce Commission reports, v. 307.) * Cloth, $4.00. ● Item 677
L.C. card 8-30656 IC 1.6 : 307

5105 General rules of practice before Commission (including certain special rules) in proceedings under Interstate commerce act and related acts with approved forms, effective July 16, 1962. [1962, published 1963.] [1]+62 p. 4° * Paper, 50c. ● Item 679
L.C. card 29-27439 IC 1.11 : 962

5106 Motor carrier accident investigation, ex parte no. MC-63, E. Brooke Matlack, Inc., accident on July 25, 1962, Berlin, N.Y.; [decided Feb. 5, 1963]. [1963.] [1]+17 p. il. 3 pl. 4° [Processed.] †
IC 1 mot.18 : B 45

5107 Transport statistics in United States, 75th annual report on transport statistics for year ended Dec. 31, 1961; prepared by Bureau of Transport Economics and Statistics. [Issued in sections and parts punched for binders.] * Paper, subscription, $4.25 for all parts of one year's report; $1.25 additional for foreign mailing. ● Item 699
L.C. card 5-11209 IC 1.25 : 961/pt. (nos.)

pt. 1. [Railroads, their lessors and proprietary companies, final release.] Nov. 1962 [published 1963]. [288] p. il. 4° [Includes transmittal sheet, list of publications, contents, introduction, map, tables 1 thru 157, 167 thru 178, sec. A-II, A-III, B, C, D, face sheet, indexes, index to railroads, general index reissue of previous release revision of previous release.]

pt. 7. Motor carriers [release 2]. Dec. 1962. [144] p. 4°

JOINT PUBLICATIONS RESEARCH SERVICE

NOTE.—Unless otherwise indicated photocopies of reports of the Joint Publications Research Service may be purchased from Photoduplication Service, Library of Congress, Washington 25, D.C. (price upon application).

Publications with only OTS symbol and price are Xerox reproductions.

JPRS (series). [Processed.] Y 3.J 66 : 13/(nos.)

5108 16452. Political translations on Eastern Europe, no. 25 (addendum) (changes from draft version found in approved 6th SED Congress program), East Germany; Nov. 30, 1962. Feb. 4, 1963. [2]+8 p. 4° Φ Paper, 50c.

5109 17160. Isolation, purification, and certain properties of type B Cl. botulium proteinase, USSR [with bibliography]; by I. P. Ashmarin [and others]. Jan. 16, 1963. [2]+10 p. il. 4° [Page numbers 8 and 9 are both assigned to one page.] Φ $1.60.

5110 17201. Index of Le Monde, no. 32 (Dec. 1-31, 1962). Jan. 21, 1963. [2]+28 p. 4°
L.C. card 58-60878

5111 17202. Study of radiation sickness, USSR [articles, with bibliography]. Jan. 21, 1963. [2]+a+9 p. 4° Φ $1.60.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

JPRS (series)—Continued

5112 17206. Communist China digest, no. 82. Jan. 21, 1963. [2]+a-g+117 p. 4°
5113 17208. Translations on economic oragnization and management in Eastern Europe, no. 137. Jan. 21, 1963. [2]+a+34 p. 4°
5114 17209. Sociological translations on Eastern Europe, no. 131. Jan. 21, 1963. [2]+a+24 p. 4°
5115 17210. Clinical effectiveness of transfusion of dry leucocytic mass in leucopenic conditions, USSR [with bibliography]; by M. E. Mirzoyeva. Jan. 21, 1963. [2]+9 p. 4° Φ $1.10.
5116 17212. Some conclusions based on educational work in boarding schools, USSR; by L. K. Rusanova. Jan. 21, 1963. [2]+11 p. 4°
5117 17213. Translations on East European agriculture, forestry and food industries, no. 114. Jan. 21, 1963. [2]+a+105 p. 4°
5118 17214. Translations on East European agriculture, forestry and food industries, no. 115. Jan. 21, 1963. [2]+a+53 p. 4°
5119 17215. CPSU program and certain problems concerning Communist education of younger generation, USSR; by I. Ya. Savchenko. Jan. 21, 1963. [2]+25 p. 4°
5120 17216. Summary of Czechoslovak provincial press, no. 189 (Nov. 21-27, 1962). Jan. 21, 1963. [2]+a-b+15 p. 4°
L.C. card 59-60695
5121 17217. Abstracts from East European scientific and technical journals, no. 54. Jan. 21, 1963. [2]+a+32 leaves, 4° Φ $3.60.
5122 17223. Index of La Stampa and La Stampa sera, no. 136, Dec. 17-23, 1962. Jan. 22, 1963. [2]+9 p. 4°
L.C. card 58-60868
5123 17225. Frequency steering of beam in antenna arrays, USSR; by B. A. Yegorychev. Jan. 22, 1963. [2]+11 p. il. 4° Φ $1.60.
5124 17226. Fixed capital, amortization and capital repairs in ferrous metallugy, USSR; by A. A. Andreyev. Jan. 22, 1963. [2]+a+103 p. 4°
5125 17228. Translations on Africa, no. 6. Jan. 22, 1963. [2]+a+39 p. il. 4°
5126 17229. Translations on economic organization and management in Eastern Europe, no. 138. Jan. 22, 1963. [2]+a+25 p. 4°
5127 17230. Translations of political and sociological information on Communist China, no. 43. Jan. 22, 1963. [2]+a+65 p. 4°
5128 17232. Political translations on Eastern Europe, no. 38. Jan. 22, 1963. [2]+a+42 p. 4°
5129 17234. Ulbricht's terror justice, trial of Harry Seidel, Germany. Jan. 22, 1963. [2]+6 p. 4°
5130 17235. Soviet military translations, no. 114 (materials on militia). Jan. 22, 1963. [2]+a-b+88 p. 4°
5131 17236. Translations on East European foreign trade, no. 76. Jan. 22, 1963. [2]+a+26 p. 4°
5132 17237. Translations on economic organization and management in Eastern Europe, no. 139. Jan. 22, 1963. [2]+a+26 p. 4°
5133 17238. Translations on East European foreign trade, no. 77. Jan. 22, 1963. [2]+a+18 p. 4°
5134 17239. Articles from Doklady Akademii Nauk (biophysics), USSR [with lists of references]. Jan. 22, 1963. [2]+a+13 p. il. 4° Φ $1.60.
5135 17240. Articles from Terapevticheskiy arkhiv (Therapeutic archives), USSR [with lists of references]. Jan. 22, 1963. [2]+a+18 p. il. 4°
5136 17243. Translations on East European service industries, no. 124. Jan. 22, 1963. [2]+a+41 p. 4°
5137 17244. Translations on Soviet agriculture, no. 6. Jan. 22, 1963. [2]+a+41 p. 4°
5138 17245. Abstracts from East European legal journals, no. 132 (East Germany, Hungary, Yugoslavia). Jan. 22, 1963. [2]+a+34 p. 4°
5139 17246. Translations on international Communist developments, no. 345. Jan. 23, 1963. [2]+a+55 p. 4°
5140 17247. Dutch visitor's impression of Czechoslovakia; by A. L. Schneiders. Jan. 23, 1963. [2]+32 p. 4°
5141 17249. Translations from Gigiyena i sanitariya (Hygiene and sanitation), no. 9 1962, USSR [with bibliographies]. Jan. 23, 1963. [2]+a+43 p. il. 4° Φ $4.60.
5142 17250. Significance of adrenal glands to heat resistance of organism, USSR [with bibliography; by F. T. Agarkov, V. A. Maksimovich, A. N. Namyatnyy]. Jan. 23, 1963. [2]+10 p. 4° Φ $1.60.
5143 17251. Translations of laws from Official gazette of Cypriot Republic. Jan. 23, 1963. [2]+a+49 p. 4°
5144 17252. Marine self-exciting synchronous generators, USSR; by D. V. Vilesov and I. A. Rvabinin. Jan. 23, 1963. [2]+a+24 p. il. 4° Φ $2.60.
5145 17253. Investigating performance of corroded units of hydraulic and pneumatic systems, USSR; by A. A. Mikhaylov and A. L. Lipin. Jan. 23, 1963. [2]+18 p. il. 4° Φ $1.60.
5146 17254. Visit to Sino-Indian conflict region, K'O-Chien-Lang River area, Communist China; by Yen Wu and Chou Ch'ang-tsung. Jan. 23, 1963. [2] p.+3 leaves, 4°
5147 17255. Planned organization of Institute for Specialization and Advanced Study of Physicians in Bulgaria; by G. Nastev. Jan. 23, 1963. [2] p.+[4] leaves, 4° Φ $1.10.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5148 17256. Using cybernetic methods in law, USSR; [by D. A. Kerimov and others]. Jan. 23, 1963. [2]+8 p. 4° Φ $1.10.

5149 17257. Certain questions in history of development of aircraft instruments, their parts and elements, USSR; by G. A. Slomyanskiy. Jan. 23, 1963. [2]+18 p. 4° Φ $1.60.

5150 17258. Biochemistry in Communist China. Jan. 23, 1963. [2]+a+46 p. il. 4° Φ $4.60.

5151 17259. Translations of Pravda editorial, USSR, no. 36 (Jan. 20, 1963). Jan. 23, 1963. [2]+3 leaves, 4°

5152 17260. Secretary-General Miyamoto's concluding remarks at National Activist Conference of Japan Communist Party. Jan. 23, 1963. [2]+10 p. 4°

5153 17261. Works submitted in competition for 1963 Lenin prizes, USSR. Jan. 23, 1963. [2]+35 p. 4° Φ $3.60.

5154 17262. Studies in hypothermia, USSR. Jan. 23, 1963. [2]+a+12 p. il. 4° Φ $1.60.

5155 17263. USSR industrial development: Soviet chemical machine building, no. 15 (New compressor design). Jan. 23, 1963. [2] p.+10 leaves, 4° Φ $1.60.

5156 17264. Summary of Bulgarian provincial press, no. 175 (Dec. 4–18, 1962). Jan. 23, 1963. [2]+21 p. 4° [Includes list of sources.]

5157 17265. Planned expenditures for Soviet research institutions. Jan. 23, 1963. [2]+35 p. 4°

5158 17266. USSR industrial development: Soviet nonferrous metallurgy, no. 46. Jan. 23, 1963. [2] p.+a+46 leaves, 4° Φ $4.60.

5159 17267. Translations on North Vietnam's economy, no. 33. Jan. 24, 1963. [2]+a+65 p. 4°

5160 17268. Index of La Stampa and La Stampa sera, no. 137, Dec. 24–30, 1962. Jan. 24, 1963. [2]+6 p. 4°
L.C. card 58–60868

5161 17269. Soviet economic system, structure and policy, no. 35. Jan. 24, 1963. [2]+a+151 p. 4°

5162 17270. General meeting of Department of Chemical Sciences of Academy of Sciences of USSR, May 22–23, 1962. Jan. 24, 1963. [2]+8 p. 4° Φ $1.10.

5163 17271. Translations on East European heavy industry, no. 109. Jan. 24, 1963. [2]+a+20 p. 4°

5164 17272. Photographic and physical methods for investigating material evidence, USSR [with bibliographies]. Jan. 24, 1963. [2]+a–f+494 p. il. 4°

5165 17273. Summary of Rumanian provincial press, no. 106 (Nov. 30–Dec. 18, 1962). Jan. 24, 1963. [2]+a+47 p. 4° [Includes list of sources.]

5166 17274. Thermal and electric burns, USSR; [by A. A. Vishnevskiy and M. I. Shrayber]. Jan. 24, 1963. [2]+30 p. il. 4° Φ $3.60.

5167 17275. Chromium carbide-base alloys, USSR [with bibliography; by V. V. Hryhor'eva and V. M. Kivmenko]. Jan. 24, 1963. [131] p. il. 4° Φ $10.10.

5168 17276. Selections from Great medical encyclopedia, USSR [with bibliographies]. Jan. 24, 1963. [2]+a+58 p. 4° Φ $5.60.

5169 17277. Translations on Communist China's science and technology, no. 18. Jan. 24, 1963. [2]+a+58 p. 4° Φ $5.60.

5170 17278. Translations on North Vietnam's economy, no. 34. Jan. 24, 1963. [2]+a–b+70 p. 4°

5171 17279. Translation of Pravda editorial, USSR, no. 37 (Jan. 21, 1963). Jan. 24, 1963. [2] p.+4 leaves, 4°

5172 17280. Translations on USSR labor, no. 38. Jan. 24, 1963. [2]+a+82 p. 4°

5173 17281. Abstracts from East European scientific and technical journals, no. 55 (biology and medicine series). Jan. 24, 1963. [2] p.+a+24 leaves, 4° Φ $2.60.

5174 17282. Abstracts from East European scientific and technical journals, no. 56 (general series). Jan. 24, 1963. [2] p.+a+10 leaves, 4° Φ $1.60.

5175 17283. Abstracts from East European scientific and technical journals, no. 57 (chemistry series). Jan. 24, 1963. [2] p.+a+11 leaves, 4° Φ $1.60.

5176 17284. Biological characteristics of hybrids, obtained without emasculation of flowers, USSR; [by V. F. Khitrinskiy and L. D. Taran]. Jan. 24, 1963. [2]+13 p. 4° Φ $1.60.

5177 17286. Transformation of complex labor into simple labor, Communist China; by Sun Shang-ch'ing. Jan. 24, 1963. [2]+21 p. 4°

5178 17287. Summary of Czechoslovak provincial press, no. 190, (source coverage, Nov. 28–Dec. 4, 1962). Jan. 24, 1963. [2]+a+23 p. 4°
L.C. card 59–60695

5179 17288. USSR industrial development: Soviet electrical equipment, no. 34. Jan. 24, 1963. [2] p.+a+16 leaves, il. 4°

5180 17289. Translations on East European service industries, no. 125. Jan. 24, 1963. [2]+a+48 p. 4°

5181 17290. Translations on international Communist developments, no. 346. Jan. 24, 1963. [2]+a+70 p. 4°

5182 17291. Translations of political and sociological information on Communist China, no. 44. Jan. 24, 1963. [2]+a+32 p. 4°

5183 17292. Translations from Hoc tap (studies), no. 11, 1962, North Vietnam. Jan. 24, 1963. [2]+a+49 p. 4°

5184 17293. Topographer's travel notes on southeastern USSR. Jan. 25, 1963. [2]+a+171 p. 4°

5185 17294. Soviet legal measures on personnel administration. Jan. 25, 1963. [2]+a+104 p. 4°

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

JPRS (series) —Continued

5186 17296. Production and properties of semi-finished tantalum, Germany [with list of literature references]; by Jeri Vacek. Jan. 25, 1963. [2]+30 p. il. 4° Φ $3.60.

5187 17298. Translations on international Communist developments, no. 347. Jan. 25, 1963. [2]+a+53 p. 4°

5188 17299. On relationships among coefficients of turbulent moment, heat, and matter transfer in surface layer of atmosphere, USSR [with list of references]; by I. L. Senderikhina. Jan. 25, 1963. [2]+23 p. il. 4° Φ $2.60.

5189 17300. Scientific conference of Moscow Engineering Physics Institute for 1962, USSR; by G. T. and M. R. Jan. 25, 1963. [2]+9 p. 4° Φ $1.10.

5190 17301. USSR industrial development: Soviet tractors and agricultural machinery, no. 53. Jan. 25, 1963. [2] p.+a+31 leaves, 4°

5191 17302. Soviet laws on selecting labor by competitive methods; by Vsevolod Nikolayevich Smirnov. Jan. 25, 1963. [2]+a–b+147 p. 4°

5192 17303. Reorganization of veterinary service in Bulgaria. Jan. 25, 1963. [2] p.+5 leaves, 4° Φ $1.10.

5193 17304. Development of nuclear energy and tasks of electrical and machine building industries, Yugoslavia [with list of literature]; by Predrag Anastasijevic, Branimir Lolic and Milorad Ristic. Jan. 25, 1963. [2] p.+8 leaves, 4° Φ $1.10.

5194 17305. Organization of medical treatment for injuries, USSR. Jan. 25, 1963. [2]+39 p. il. 4° Φ $3.60.

5195 17306. Translations on chemistry in USSR (Soviet nonferrous metallurgy [with bibliographies]. Jan. 25, 1963. [2]+a+20 p. il. 4° Φ $2.60.

5196 17307. Translations on East European service industries, no. 126. Jan. 28, 1963. [2]+a+53 p. 4°

5197 17308. Summary of Hungarian provincial press, no. 246 (source coverage Nov. 14–20, 1962) [with bibliography]. Jan. 28, 1963. [2]+a–d+27 p. 4° L.C. card 58–60912

5198 17309. USSR industrial development: Soviet chemical industry, no. 45. Jan. 28, 1963. [2] p.+a–b+32 leaves, 4° Φ $3.60.

5199 17310. Translation of Pravda editorial, USSR, no. 39 (Jan. 23, 1963). Jan. 28, 1963. [2] p+4 leaves, 4°

5200 17311. USSR industrial development: Soviet nonferrous metallurgy, no. 47. Jan. 28, 1963. [2] p+a+27 leaves, 4° Φ $2.60.

5201 17312. Translations on East European service industries, no. 127. Jan. 25, 1963. [2]+a+62 p. 4°

5202 17313. USSR industrial development: Soviet nonferrous metallurgy, no. 48. Jan. 28, 1963. [2] p.+a+51 leaves, 4° Φ $5.60.

5203 17315. Need for cadres in modern science, USSR; by M. Lavrent'yev. Jan. 28, 1963. [2]+6 p. 4° Φ $1.10.

5204 17316. Criteria of taxonomic categories, USSR [with list of literature]; by B. A. Vaynshteyn. Jan. 28, 1963. [2]+7 p. 4° Φ $1.10.

5205 17317. At session of general meeting of Academy of Sciences, Kazakh SSR, USSR. Jan. 28, 1963. [2]+6 p. 4° Φ $1.10.

5206 17318. Abstracts from East European scientific and technical journals, no. 58, general series. Jan. 28, 1963. [2] p.+a+15 leaves, 4° Φ $1.60.

5207 17319. Abstracts from East European scientific and technical journals, no. 59, biology and medicine series. Jan. 28, 1963. [2] p.+a+39 leaves, 4° Φ $4.60.

5208 17320. Abstracts from East European scientific and technical journals, no. 60, earth sciences series. Jan. 28, 1963. [2] p.+a+17 leaves, 4° Φ $1.60.

5209 17321. Planned development of public health services and organization in Bulgaria [articles, with bibliographies]. Jan. 28, 1963. [2]+a+35 p. 4° Φ $3.60.

5210 17322. Seminar, production methods, physical properties, and electronic structure of refractory metals, their compounds and alloys, summaries of reports, USSR; [technical editor A. A. Matveychuk]. Jan. 28, 1963. [2]+vi+50 p. 4° Φ $5.60.

5211 17323. Transistorized control systems for information storage device using piezoelectric substances, USSR; by Ye. I. Mamonov and Yu. M. Koval'skiy. Jan. 28, 1963. [2]+16 p. il. 4° Φ Paper, 50c.

5212 17324. News of Soviet helicopters: by R. Karelyan and V. Kuznetsov. Jan. 28, 1963. [2]+a+7 p. 4° Φ Paper, 50c.

5213 17325. Marxist political economy and bourgeois classical political economy, Communist China; by Wang Ya-nan. Jan. 28, 1963. [2]+42 p. 4° Φ Paper, $1.25.

5214 17326. Life in meteorite, USSR; by F. Zigel'. Jan. 28, 1963. [2]+7 p. 4° Φ Paper, 50c.

5215 17327. Uzbekistan transportation, USSR; by S. M. Khodzhayev. Jan. 28, 1963. [2]+a+174 p. 4° Φ Paper, $3.00.

5216 17328. Ulbricht report to 6th SED Congress, Germany. Jan. 28, 1963. [2]+a+176 p. 4°

5217 17330. Soviet economic system, structure and policy, no. 36. Jan. 28, 1963. [2]+a–b+129 p. il. 4°

5218 17331. Agricultural planning, USSR. Jan. 28, 1963. [2]+a+21 p. 4° Φ Paper, 75c.

5219 17332. Translations on Africa, no. 7. Jan. 28, 1963. [2]+a+37 p. il. 4° [Erratum, dated Feb. 6, 1963, 1 p., was issued also.] Φ Paper, $1.00.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

5220 17333. Translations on respiration injuries and hydrolysin L-103 nutrition for children, USSR [with lists of literature]. Jan. 28, 1963. [2]+a+25 p. il. 4° Φ Paper, 75c.

5221 17335. Political and economic information on Mongolia [articles]. Jan. 28, 1963. [2]+a+234 p. 4° Φ Paper, $3.50.

5222 17336. Translations on political and sociological information on Communist China, no. 45. Jan. 29, 1963. [2]+a-b+102 p. 4° Φ Paper, $2.50.

5223 17337. Translation of Pravda editorial, USSR, no. 40 (Jan. 24, 1963). Jan. 29, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c.

5224 17338. Translations on East European service industries, no. 128. Jan. 29, 1963. [2]+a+43 p. il. 4° Φ Paper, $1.25.

5225 17339. Reference and guide book for Irtysh and lower Ob', USSR; by V. V. Degtyarev and M. Ye. Budarin. Jan. 29, 1963. [2]+a-b+122 p. 4° Φ Paper, $2.75.

5226 17340. Translations on economic organization and management in Eastern Europe, no. 140. Jan. 29, 1963. [2]+a+35 p. 4° Φ Paper, $1.00.

5227 17341. Agriculture, forestry, and fishing in Hungary, no. 51 (Nov.-Dec. 1962). Jan. 29, 1963. [2]+a-d+77 p. 4° Φ Paper, $2.25.
L.C. card 58-60946

5228 17342. Translations on East European agriculture, forestry, and food industries, no. 116. Jan. 29, 1963. [2]+a+21 p. 4° Φ Paper, 75c.

5229 17343. Translations of East European foreign trade, no. 78. Jan. 29, 1963. [2]+a+27 p. 4° Φ Paper, 75c.

5230 17344. Sociological translations on Eastern Europe, no. 132. Jan. 29, 1963. [2]+a+14 p. 4° Φ Paper, 50c.

5231 17345. Developments in inorganic chemistry, USSR [articles with bibliographies]. Jan. 29, 1963. [2]+a+21 p. il. 4° Φ Paper, 75c.

5232 17346. Translations on political and sociological information on Communist China, no. 46. Jan. 29, 1963. [2]+a-b+90 p. 4° Φ Paper, $2.25.

5233 17347. Translations on economic organization and management in Eastern Europe, no. 141. Jan. 29, 1963. [2]+a+49 p. il. 4° Φ Paper, $1.50.

5234 17348. Recombination of dislocations in germanium, USSR [with list of literature cited]; by L. I. Kolesnik. Jan. 29, 1963. [2]+9 p. il. 4° Φ Paper, 50c.

5235 17349. Experimental physiological and histochemical study of adaptation of intestinal transplants incorporated in urinary system, USSR [with bibliography]; by S. Z. Fradkin. Jan. 29, 1963. [2]+20 p. il. 4° Φ Paper, 75c.

5236 17350. Translations on USSR religion, no. 23. Jan. 29, 1963. [2]+a+61 p. 4° Φ Paper, $1.75.

5237 17351. Crystal is small but powerful, USSR; by A. Trutko and Ya. Fedotov. Jan. 29, 1963. [2]+5 p. 4° Φ Paper, 50c.

5238 17352. Against growing threat of thermonuclear war, USSR; by A. V. Topchiyev and V. P. Pavlichenko. Jan. 29, 1963. [2]+7 p. 4° Φ Paper, 50c.

5239 17354. Cybernetics, USSR [with bibliography]; by A. I. Kitov. Jan. 29, 1963. [2]+15 p. 4° Φ Paper, 50c.

5240 17355. Automation of calculations and development of computer engineering, USSR; by M. A. Kartsev. Jan. 29, 1963. [2]+9 p. 4° Φ Paper, 50c.

5241 17356. Influence of heat treatment by current of high frequency on corrosion of welded joints of 1Kh18N9T steel, USSR [with bibliography]; by V. A. Suprunov and V. N. Kisel'nikov. Jan. 29, 1963. [2]+8 p. il. 4° Φ Paper, 50c.

5242 17357. Psychology of man and technical progress, USSR; by A. N. Leont'yev and D. Yu. Panov. Jan. 29, 1963. [2]+23 p. 4° Φ Paper, 75c.

5243 17358. Abstracts from East European scientific and technical journals, no. 61, biology and medicine series. Jan. 29, 1963. [2]+a+23 leaves, 4° Φ Paper, 75c.

5244 17359. Attempt at modelling processes of self-reproduction and evolution, USSR; by Yu. N. Keyl'man. Jan. 29, 1963. [2]+5 p. 4° Φ Paper, 50c.

5245 17361. Translations on international Communist developments, no. 348. Jan. 29, 1963. [2]+a+28 p. 4° Φ Paper, 75c.

5246 17362. Abstracts from East European legal journals, no. 133 (Poland). Jan. 29, 1963. [2]+22 p. 4° Φ Paper, 75c.

5247 17363. Soviet astronomical reports. Jan. 29, 1963. [2]+a+90 p. il. 4° Φ Paper, $2.25.

5248 17364. Local government organs in Mongolian People's Republic; by Michail J. Linda. Jan. 29, 1963. [2]+10 p. 4° Φ Paper, 50c.

5249 17365. Articles and speeches of H. Choybalsan, Mongolia. Jan. 29, 1963. [2]+a+133 p. 4° Φ Paper, $2.75.

5250 17366. Translations on international Communist developments, no. 349. Jan. 29, 1963. [2]+a+17 p. 4° Φ Paper, 50c.

5251 17367. Translations on Cuba, no. 3. Jan. 29, 1963. [2]+a+96 p. 4° Φ Paper, $2.25.

5252 17368. Translation of Pravda editorial, USSR, no. 41 (Jan. 26, 1963). Jan. 30, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c.

5253 17369. Summary of Polish provincial press, no. 270 (Dec. 25-30, 1962). Jan. 30, 1963. [2]+a-b+45 p. 4° [Includes list of newspaper sources.] Φ Paper, $1.25.
L.C. card 58-60883

5254 17370. Soviet studies on crystal structure [with bibliographies]. Jan. 30, 1963. [2]+a+34 p. il. 4° Φ Paper, $1.00.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

JPRS (series) —Continued

5255 17371. Translations on East European heavy industry, no. 110. Jan. 30, 1963. [2]+a+42 p. 4° Φ Paper, $1.00.

5256 17372. Political translations on Eastern Europe, no. 39. Jan. 30, 1963. [2]+a+61 p. 4° Φ Paper, $1.75.

5257 17374. Translations on international Communist developments, no. 350. Jan. 30, 1963. [2]+a+81 p. 4° Φ Paper, $2.25.

5258 17375. Translations on USSR consumer goods and domestic trade, no. 25. Jan. 30, 1963. [2]+a+69 p. 4° Φ Paper, $2.00.

5259 17376. Soviet scientific activities. Jan. 30, 1963. [2]+27 p. 4° Φ Paper, 75c.

5260 17377. Soviet economic system, structure and policy, no. 37. Jan. 30, 1963. [2]+a+29 p. 4° Φ Paper, 75c.

5261 17378. Primary problems in pathology of newborn children, USSR. Jan. 30, 1963. [2]+a+17 p. il. 4° Φ Paper, 50c.

5262 17379. USSR industrial development: Soviet chemical industry, no. 46. Jan. 30, 1963. [2]+26 leaves, 4° Φ Paper, 75c.

5263 17380. Translations on USSR electric power, no. 31. Jan. 30, 1963. [2]+a+67 p. 4° Φ Paper, $1.75.

5264 17381. Translations on economic organization and management in Eastern Europe, no. 142. Jan. 30, 1963. [2]+a+90 p. il. 4° Φ Paper, $2.25.

5265 17382. Sociological translations on Eastern Europe, no. 133. Jan. 30, 1963. [2]+a+24 p. 4° Φ Paper, 75c.

5266 17383. Translations on Middle East, no. 22. Jan. 30, 1963. [2]+a+50 p. 4° Φ Paper, $1.50.

5267 17384. Speeches delivered at Party Central Committee Plenum, USSR. Jan. 30, 1963. [2]+a+16 p. 4° Φ Paper, 50c.

5268 17385. Scientific conventions and conferences, 14th Conference of Physiologists of Southern RSFSR, USSR; by Ye. K. Aganyants and V. M. Pokrovskiy. Jan. 30, 1963. [2]+6 p. 4° Φ Paper, 50c.

5269 17386. Present tasks confronting Soviet science; by M. V. Keldysh. Jan. 30, 1963. [2]+6 p. 4° Φ Paper, 50c.

5270 17387. Translations on economic organization and management in Eastern Europe, no. 143. Jan. 30, 1963. [2]+a+67 p. 4° Φ Paper, $1.75.

5271 17388. Translations on Soviet economic system (structure and policy), no. 38. Jan. 30, 1963. [2]+a+127 p. 4° Φ Paper, $2.75.

5272 17389. Summary of Czechoslovak provincial press, no. 191 (source coverage Dec. 5–11, 1962). Jan. 31, 1963. [2]+a–b+21 p. 4° Φ Paper, 75c. L.C. card 59–60695

5273 17390. Marx's criticism of method of vulgar economics and its realistic significance, Communist China; by Wu Ch'uan-ch'i. Jan. 31, 1963. [2]+52 p. 4° Φ Paper, $1.50.

5274 17391. Correlation method for recognizing patterns, USSR [with bibliography]; by V. A. Kovalevskiy. Jan. 31, 1963. [2]+13 p. il. 4° Φ Paper, 50c.

5275 17392. Abstracts from East European scientific and technical journals, no. 62, Earth sciences series. Jan. 31, 1963. [2] p.+a+8 leaves, 4° Φ Paper, 50c.

5276 17393. Abstracts from East European scientific and technical journals, no. 63, chemistry series. Jan. 31, 1963. [2] p.+a+6 leaves, 4° Φ Paper, 50c.

5277 17394. Abstracts from East European scientific and technical journals, no. 64, biology and medicine series. Jan. 31, 1963. [2] p.+a+24 leaves, 4° Φ Paper, 75c.

5278 17395. Abstracts from East European scientific and technical journals, no. 65, Physics and mathematics series. Jan. 31, 1963. [2] p.+a+9 leaves, 4° Φ Paper, 50c.

5279 17396. Index of La Stampa and La Stampa sera, no. 138, Dec. 31, 1962–Jan. 6, 1963. Jan. 31, 1963. [2]+8 p. 4° Φ Paper, 50c. L.C. card 58–60868

5280 17398. Zeeman phenomenon and magnetic resonance, USSR [with bibliography]; by M. A. Yel'yashevich. Jan. 31, 1963. [2]+79 p. il. 4° Φ Paper, $2.00.

5281 17399. Public inspection of plan fulfillment in scientific and technical research and achievements, USSR. Jan. 31, 1963. [2]+8 p. 4° Φ Paper, 50c.

5282 17400. Translations on international Communist developments, no. 351. Jan. 31, 1963. [2]+a+32 p. 4° Φ Paper, $1.00.

5283 17401. Translations on international Communist developments, no. 352 (French Communist evaluation of international Communist movement and peaceful coexistence). Jan. 31, 1963. [2]+32 p. 4° Φ Paper, $1.00.

5284 17402. Translations from Meditsinskaya radiologiya (Medical radiology), USSR, no. 11, 1962 [with bibliographies]. Jan. 31, 1963. [2]+a+55 p. il. 4° Φ Paper, $1.50.

5285 17403. Oxidation of uranium dioxide, USSR [with bibliography]; by V. G. Vlasov and A. F. Bessonov. Jan. 31, 1963. [2]+12 p. il. 4° Φ Paper, 50c.

5286 17404. Regulation governing production, sale, storage, transportation, and use of poisons in Bulgaria. Jan. 31, 1963. [2]+11 p. 4° Φ Paper, 50c.

5287 17405. Application of linear programming in planning of assortment, USSR; by L. Terekhov. Jan. 31, 1963. [2]+19 p. 4° Φ Paper, 50c.

5288 17406. Translation of Pravda editorial, USSR, no. 42 (Jan. 28, 1963). Jan. 31, 1963. [2]+4 leaves, 4° Φ Paper, 50c.

5289 17307. Translations on Cuba, no. 4. Jan. 31, 1963. [2]+a–c+189 p. 4° Φ Paper, $3.00.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5290 17408. Political translations on Eastern Europe, no. 40. Jan. 31, 1963. [2]+a+83 p. 4° Φ Paper, $2.25.

5291 17409. Activities of Chinese Communist personalities, no. 59. Jan. 31, 1963. [2]+19 p. 4° Φ Paper, 50c.

5292 17410. Translations on international Communist developments, no. 353. Jan. 31, 1963. [2]+a+24 p. 4° Φ Paper, 75c.

5293 17411. Translations on East European foreign trade, no. 79. Jan. 31, 1963. [2]+a+48 p. 4° Φ Paper, $1.50.

5294 17412. Translations from Geofizicheskaya razvedka (Geophysical exploration), no. 6, 1961, USSR. Feb. 1, 1963. [2]+a+23 p. il. 4° Φ Paper, 75c. (OTS: 63-21034).

5295 17413. Soviet economic system, structure and policy, no. 39. Feb. 1, 1963. [2]+a+30 p. 4° Φ Paper, $1.00.

5296 17415. Translations on North Vietnam's economy, no. 35. Feb. 1, 1963. [2]+a+32 p. 4° Φ Paper, $1.00.

5297 17416. Translations on USSR labor, no. 39. Feb 1, 1963. [2]+a+31 p. 4° Φ Paper, $1.00.

5298 17417. Field tests of SVV-1 light rangefinder [with bibliography]; by V. S. Mikheichev. Feb. 1, 1963. [2] p.+3 leaves, 4° Φ Paper, 50c. (OTS: 63-21035).

5299 17418. Demographic, geographic and economic data on Moroccan provinces. Feb. 1, 1963. [2]+a+11 p. il. 4° Φ Paper, 50c.

5300 17419. Translations on East European materials industries, no. 91 [with bibliographies]. Feb. 1, 1963. [2]+a+101 p. il. 4° Φ Paper, $2.50.

5301 17420. Translations on East European materials industries, no. 92. Feb. 1, 1963. [2]+a+33 p. 4° Φ Paper, $1.00.

5302 17421. Inquiry into calculating quantity of value under socialism, Communist China; by Wang Chi-yeh. Feb. 1, 1963. [2]+21 p. 4° Φ Paper, 75c.

5303 17422. Translations on East European agriculture, forestry and food industries, no. 117. Feb. 1, 1963. [2]+a+69 p. il. 4° * Paper, $2.00.

5304 17423. USSR industrial development: Soviet ferrous metallurgy, no. 96. Feb. 1, 1963. [2] p.+a+22 leaves, il. 4° Φ Paper, 75c.

5305 17424. Translations from Meteorologiya i gidrologiya (Meteorology and hydrology) no. 11, 1962, USSR [with bibliographies]. Feb. 1, 1963. [2]+a-b+1-13a, 14-61 p. il. 4° Φ Paper, $1.75. (OTS: 63-21036.)

5306 17425. Translations from Sovetskoye gosudarstvo i pravo (Soviet state and law). Feb. 1, 1963. [2]+60 p. 4° Φ Paper, $1.75 (OTS: 63-21037).

5307 17426. Translation of Pravda editorial, USSR, no. 43 (Jan. 29, 1963). Feb. 1, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c.

5308 17427. Abstracts from East European scientific and technical journals, no. 66, chemistry series. Feb. 1, 1963. [2] p.+a+13 leaves, 4° Φ Paper, 50c. (OTS: 63-21038).

5309 17429. Abstracts from East European scientific and technical journals: no. 68, Biology and medicine series. Feb. 1, 1963. [2] p.+a+5 leaves, 4° Φ Paper, 50c. (OTS: 63-21040).

5310 17430. Abstracts from East European scientific and technical journals; no. 69, Earth sciences series. Feb. 1, 1963. [2] p.+a+12 leaves, 4° Φ Paper, 50c. (OTS: 63-21041).

5311 17431. Distribution of ecological forms of sailfish and Portuguese men-of-war in northern Pacific, USSR (Pacific Ocean): [with bibliography]; by A. I. Savilov. Feb. 1, 1963. [2]+22 p. il. 4° Φ Paper, 75c. (OTS: 63-21042).

5312 17432. Idealized and practical pandemonium, USSR [with bibliography]; by S. F. Kozubovs'kyy. Feb. 1, 1963. [2]+12 p. il. 4° Φ Paper, 50c. (OTS: 63-21043).

5313 17433. Production bases for development of unicellular algae, USSR [with bibliography]; by N. P. Arutyunyan. Feb. 1, 1963. [2] p.+13 leaves, 4° Φ Paper, 50c. (OTS: 63-21044).

5314 17435. Regulations on labor ministry organization and state council notice on work allocation adjustments for advanced school graduates, Communist China [articles]. Feb. 1, 1963. [2]+a+6 p. 4° Φ Paper, 50c.

5315 17436. Translations on Cuba, no. 5. Feb. 1, 1963. [2]+a+67 p. 4° Φ Paper, $1.75.

5316 17437. Ching Chiang flood dispersion, Communist China; by Ou Yang-an. Feb. 1, 1963. [2]+a-c+62 p. il. 4° Φ Paper, $1.75.

5317 17438. Soviet economic system, structure and policy, no. 40. Feb. 1, 1963. [2]+a+27 p. 4° Φ Paper, 75c.

5318 17439. Translations on Mongolia, no. 19, (articles from Ediyn dzasgiyn asuudluud). Feb. 1, 1963. [2]+a+99 p. 4° Φ Paper, $2.50.

5319 17440. Summary of Rumanian provincial press, no. 204 (Dec. 18-29, 1962). Feb. 1, 1963. [2]+a+44 p. 4° [Includes list of sources.] Φ Paper, $1.25.

5320 17441. Translations on international Communist developments, no. 354. Feb. 4, 1963. [2]+a+31 p. 4° Φ Paper, $1.00.

5321 17442. Translations on political and sociological information on Communist China, no. 47. Feb. 4, 1963. [2]+a+51 p. 4° Φ Paper, $1.50.

5322 17443. Translations of political and sociological information of North Vietnam, no. 22. Feb. 4, 1963. [2]+a+25 p. 4° Φ Paper, 75c.

5323 17444. Translations on Mongolia, no. 20. Feb. 4, 1963. [2]+a+19 p. 4° Φ Paper, 75c.

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

JPRS (series) —Continued

5324 17445. Soviet developments in criminology. Feb. 4, 1963. [2]+a+143 p. il. 4° Φ Paper, $2.75.

5325 17446. Works on heat-resisting materials, USSR [with bibliographies]. Feb. 4, 1963. [2]+a+144 p. il. 4° Φ Paper, $2.75 (OTS: 63-21045).

5326 17447. Measurement of surface tension of certain solids and liquids, USSR. Feb. 4, 1963. [2]+a+84 p. il. 4° Φ Paper, $2.25 (OTS: 63-21046).

5327 17449. Translations of political and sociological information on Communist China, no. 48. Feb. 4, 1963. [2]+a+72 p. 4° Φ Paper, $2.00.

5328 17450. Translations on East European service industries, no. 129. Feb. 4, 1963. [2]+a+104 p. 4° Φ Paper, $2.50.

5329 17451. Summary of Hungarian provincial press, no. 247 (source coverage Nov. 21–Dec. 5, 1962) [with bibliography]. Feb. 4, 1963. [2]+a-d+36 p. 4° Φ Paper, $1.25.
L.C. card 58-60912

5330 17452. Translations on East European foreign trade, no. 80. Feb. 4, 1963. [2]+a+27 p. 4° Φ Paper, 75c.

5331 17453. Translations on USSR communications, no. 27. Feb. 4, 1963. [2]+a+14 p. 4° Φ Paper, 50c.

5332 17454. Industry in Estonian SSR and its key cities; by V. Tarmisto. Feb. 4, 1963. [2]+a+79 p. 4° Φ Paper, $3.00.

5333 17455. Hydroelectric projects on Vakhsh River, USSR. Feb. 4, 1963. [2]+a+10 p. il. 4° Φ Paper, 50c.

5334 17456. Government of Mongolian People's Republic. Feb. 4, 1963. [2]+a-b+182 p. il. 4° Φ Paper, $3.00.

5335 17457. Translations on North Vietnam's economy, no. 36. Feb. 4, 1963. [2]+a-b+71 p. 4° Φ Paper, $2.00.

5336 17458. Translations on USSR religion, no. 24. Feb. 4, 1963. [2]+a+42 p. 4° Φ Paper, $1.25.

5337 17459. Translations on East European foreign trade, no. 81. Feb. 4, 1963. [2]+a+37 p. 4° Φ Paper, $1.00.

5338 17460. Translations of political and sociological information on Communist China, no. 49. Feb. 4, 1963. [2]+a-b+50 p. 4° Φ Paper, $1.50.

5339 17461. Translations from Quan doi nhan dan (People's army), North Vietnam. Feb. 4, 1963. [2]+a+34 p. 4° Φ Paper, $1.00.

5340 17462. Translations on economic organization and management in Eastern Europe, no. 144. Feb. 4, 1963. [2]+a+38 p. 4° Φ Paper, $1.00.

5341 17463. Translations on international Communist developments: no. 355, (Soviet journal Kommunist discusses ideological and administrative problems). Feb. 5, 1963. [2]+a+33 p. il. 4° Φ Paper, $1.00.

5342 17464. Abstracts from East European legal journals, no. 134 (Bulgaria). Feb. 5, 1963. [2]+21 p. 4° Φ Paper, 75c.

5343 17465. Significance of cybernetics for science, technology, and industry in German Democratic Republic; by Heinz Liebacher and Helmut Thiele. Feb. 5, 1963. [2]+7 p. 4° Φ Paper, 50c. (OTS: 63-21047).

5344 17466. Cybernetics and planning, USSR; by O. Bakaev. Feb. 5, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c. (OTS: 63-21048).

5345 17467. USSR industrial development: Soviet tractors and agricultural machinery, no. 54. Feb. 5, 1963. [2] p.+a+26 leaves, 4° Φ Paper, 75c. (OTS: 63-21049).

5346 17468. New methods for lining of metal pipes with plastic, USSR; by A. A. Shturman. Feb. 5, 1963. [2] p.+4 leaves, il. 4° Φ Paper, 50c. (OTS: 63-21050).

5347 17469. Scientific seminar on pneumatic-hydraulic automation, USSR; [by A. I. Semikova]. Feb. 5, 1963. [2]+8 p. 4° Φ Paper, 50c. (OTS: 63-21051).

5348 17470. Translations from Klinicheskaya meditsina (Clinical medicine), USSR [with lists of literature]. Feb. 5, 1963. [2]+a+20 p. il. 4° Φ Paper, 75c. (OTS: 63-21052).

5349 17471. USSR industrial development: Ferrous metallurgy, no. 97. Feb. 5, 1963. [2] p.+i+23 leaves, il. 4° Φ Paper, 75c. (OTS: 63-21053).

5350 17472. Abstracts from East European scientific and technical journals, no. 70, general series. Feb. 5, 1963. [2] p.+a+18 leaves, 4° Φ Paper, 50c. (OTS: 63-21054).

5351 17473. Equation of dislocation motion, USSR [with bibliography]; by A. M. Kosevich. Feb. 5, 1963. [2]+42 p. 4° Φ Paper, $1.25 (OTS: 63-21055).

5352 17474. Translations from Farmakologiya i toksikologiya (Pharmacology and toxicology), USSR, no. 5, 1962 [with bibliographies]. Feb. 5, 1963. [2]+a+35 p. il. 4° Φ Paper, $1.00.

5353 17475. USSR industrial development: Soviet power machinery no. 8, (R-50-130-1 steam turbine). Feb. 5, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c. (OTS: 63-21057).

5354 17476. Information on immigration, settlement and Arab minority in Israel. Feb. 5, 1963. [2]+a+28 p. 4° Φ Paper, 75c.

5355 17478. Translation of Pravda editorial, USSR, no. 45 (Feb. 2, 1963). Feb. 5, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c.

5356 17479. Translations on international Communist developments, no. 356. Feb. 5, 1963. [2]+a+28 p. 4° Φ Paper, 75c.

5357 17480. Indonesian press survey, no. 25 (Dec. 7–28, 1962). Feb. 5, 1963. [2]+a-b+45 p. 4° Φ Paper, $1.25.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5358 17482. Economic report on North Korea, no. 66. Feb. 5, 1963. [2]+a–b+71 p. 4° Φ Paper, $2.00.
L.C. card 58–60951

5359 17483. Soviet economic system, structure and policy, no. 41. Feb. 5, 1963. [2]+a+64 p. il. 4° Φ Paper, $1.75.

5360 17484. Aluminum plant design, USSR [articles]. Feb. 5, 1963. [2]+a+12 p. 4° Φ Paper, 50c.

5361 17485. Translations on Cuba, no. 6. Feb. 5, 1963. [2]+a+58 p. 4° Φ Paper, $1.50.

5362 17486. Translations on economic organization and management in Eastern Europe, no. 145. Feb. 5, 1963. [2]+a+34 p. 4° Φ Paper, $1.00.

5363 17488. Translations on political and sociological information on Communist China, no. 50. Feb. 5, 1963. [2]+a+63 p. 4° Φ Paper, $1.75.

5364 17489. Translations on East European heavy industry, no. 111. Feb. 5, 1963. [2]+a+34 p. 4° Φ Paper, $1.00.

5365 17490. West German assistance to foreign students, especially from Asia, Africa, and Latin America; [article]. Feb. 5, 1963. [2]+18 p. 4° Φ Paper, 75c.

5366 17491. Translations of military information on Israel. Feb. 5, 1963. [2]+a+18 p. 4° Φ Paper, 75c.

5367 17493. USSR industrial development: Soviet nonferrous metallurgy, no. 49. Feb. 6, 1963. [2] p.+a+33 leaves, 4° Φ Paper, $1.00 (OTS: 63–21059).

5368 17494. Translations on Middle East, no. 23 (report on internal student troubles in Iraq). Feb. 6, 1963. [2]+6 p. 4° Φ Paper, 50c.

5369 17495. Chinese economists differ over Engels statement that value is relation of production expense to utility. Feb. 6, 1963. [2]+10 p. 4° Φ Paper, 50c.

5370 17496. Socialist economic accounting problems discussed among Chinese economists, Communist China; by Chin Li. Feb. 6, 1963. [2]+29 p. 4° Φ Paper, 75c.

5371 17497. Translations from Bol'shaya meditsinskaya entsiklopediya (Great medical encyclopedia), no. 27, 1962, USSR [with bibliographies]. Feb. 6, 1963. [2]+a+29 p. il. 4° Φ Paper, $1.00 (OTS: 63–21060).

5372 17498. Translations from Sovetskaya meditsina, v. 26, no. 10, 1962 [with bibliographies]. Feb. 6, 1963. [2]+a+25 p. 4° Φ Paper, 75c. (OTS: 63–21086).

5373 17499. Soviet studies on powder metallurgy [with bibliographies]. Feb. 6, 1963. [2]+a+42 p. il. 4° Φ Paper, $1.25 (OTS: 63–21061).

5374. 17500. Bionics, engineering, art of nature, USSR; [By V. Bel'kevich, E. Vende, and I. Vil8-Vil'yams]. Feb. 6, 1963. [2]+15 p. il. 4° Φ Paper, 50c. (OTS: 63–21062).

5375 17501. Translations on Communist China's trade, finance, transportation and communications, no. 33. Feb. 6, 1963. [2]+a–b+108 p. 4° Φ Paper, $2.50.

5376 17502. Translations on Communist China's agriculture, animal husbandry and materials, no. 27. Feb. 6, 1963. [2]+a+71 p. 4° Φ Paper, $2.00.

5377 17503. Translations of Pravda editorials, USSR, no. 46, Feb. 1 and 3, 1963. Feb. 6, 1963. [2] p.+a+7 leaves, 4° Φ Paper, 50c.

5378 17504. Soviet reports on block circuits and theory of sequences [with bibliographies]. Feb. 6, 1963. [2]+a+16 p. il. 4° Φ Paper, 50c. (OTS: 63–21063).

5379 17505. Political translations on Eastern Europe, no. 41. Feb. 6, 1963. [2]+a+41 p. il. 4° Φ Paper, $1.25.

5380 17506. Translations on East European materials industries, no. 93 [with bibliography]. Feb. 6, 1963. [2]+a+32 p. 4° Φ Paper, $1.00.

5381 17507. Abstracts from East European scientific and technical journals: no. 71, Earth sciences series. Feb. 6, 1963. [2] p. a+13 leaves, 4° Φ Paper, 50c. (OTS: 63–21064).

5382 17508. Abstracts from East European scientific and technical journals. no. 72, General series. Feb. 6, 1963. [2] p.+a+20 leaves, 4° Φ Paper, 75c. (OTS: 63–21065).

5383 17509. Abstracts from East European scientific and technical journals, no. 73, chemistry series. Feb. 6, 1963. [2] p.+a+35 leaves, 4° Φ Paper, $1.00 (OTS: 63–21066).

5384 17510. Abstracts from East European scientific and technical journals; no. 74, Electronics, engineering, and space research series. Feb. 6, 1963. [2] p.+a+11 leaves, 4° Φ Paper, 50c. (OTS: 63–21067).

5385 17511. Electronic machine helps the shop, USSR: by S. Dumler and R. Sedegov. Feb. 6, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c. (OTS: 63–21068).

5386 17512. Two Soviet articles on radiating fin profiles [with bibliographies]. Feb. 6, 1963. [2]+a+18 p. il. 4° Φ Paper, 50c. (OTS: 63–21069).

5387 17514. Decree regarding teachers association in Syria. Feb. 7, 1963. [2]+20 p. 4° Φ Paper, 75c.

5388 17515. Translation of Pravda editorial, USSR, no. 47 (Feb. 4, 1963). Feb. 7, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c.

5389 17516. Sociological information on Israel, (Oct.–Dec. 13, 1962). Feb. 7, 1963. [2]+a+37 p. 4° Φ Paper, $1.00.

5390 17517. Index of La Stampa and La Stampa sera, no. 139, Jan. 7–13, 1963. Feb. 7, 1963. [2]+9 p. 4° Φ Paper, 50c.
L.C. card 58–60868

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

JPRS (series) —Continued

5391 17518. Creation of new judicial districts in Portugal. Feb. 7, 1963. [2]+12 p. 4° Φ Paper, 50c.

5392 17519. Conferences of Soviet veterinarians. Feb. 7, 1963. [2]+a+35 p. 4° Φ Paper, $1.00 (OTS: 63-21070).

5393 17520. Summary of Rumanian provincial press, no. 205 (Dec. 29, 1962-Jan. 6, 1963). Feb. 7, 1963. [2]+a+18 p. 4° [Includes list of sources.] Φ Paper, 50c.

5394 17521. Translations on East European agriculture, forestry and food industry, no. 118. Feb. 7, 1963. [2]+a+54 p. 4° Φ Paper, $1.50.

5395 17522. Activities of Chinese Communist personalities, no. 60. Feb. 7, 1963. [2]+7 p. 4° Φ Paper, 50c.

5396 17523. Lung cancer morbidity in relation to air pollution, USSR [with bibliography]; by A. I. Konstantinova and N. D. Chertova. Feb. 7, 1963. [2] p.+4 leaves, 4° Φ Paper, 50c. (OTS: 63-21071).

5397 17524. Rocket-mastodon or orbital rendezvous, USSR; by Yuriy Marinin. Feb. 7, 1963. [2] p.+3 leaves, 4° Φ Paper, 50c. (OTS: 63-21072).

5398 17525. Study of automatic driving systems by simulation, USSR [with bibliography]; by S. P. Gel'Fenbeyn. Feb. 7, 1963. [2]+12 p. il. 4° Φ Paper, 50c. (OTS: 63-21073).

5399 17526. Developments in Soviet scientific and medical education in 1962. Feb. 7, 1963. [2]+a+29 p. 4° Φ Paper, $1.00 (OTS: 63-20174).

5400 17527. Automation of production and deterioration of health of workers in capitalist countries, USSR; by S. Ya Chikin. Feb. 7, 1963. [2]+14 p. 4° Φ Paper, 50c. (OTS: 63-20175).

5401 17528. Translations from Zoologicheskiy zhurnal, USSR, v. 41, no. 12, 1962 [with bibliographies]. Feb. 7, 1963. [2]+a+44 p. il. 4° Φ Paper, $1.25 (OTS: 63-20176).

5402 17529. Crystal structure research, USSR [with bibliographies]. Feb. 7, 1963. [2]+a+35 p. il. 4° Φ Paper, $1.00 (OTS: 63-20177).

5403 17531. Ecological characteristics of bottom communities of invertebrates of Sea of Okhotsk, USSR [with bibliography]; by A. I. Savilov. Feb. 7, 1963. [2]+135 p. il. 4° Φ Paper, $2.50 (OTS: 63-20179).

5404 17539. Rhenium in Soviet powder metallurgy [with lists of references]. Feb. 8, 1963. [2]+a+60 p. il. 4° Φ Paper, $1.75 (OTS: 63-21085).

5405 17541. Communist China's economic aid and exchange rate [articles]. Feb. 8, 1963. [2]+a+15 p. 4° Φ Paper, 50c.

5406 17542. Translations on economic organization and management in Eastern Europe, no. 146. Feb. 8, 1963. [2]+a+48 p. 4° Φ Paper, $1.25.

5407 17543. Translations from Hung-ch'i, no. 1, 1963, Communist China. Feb. 8, 1963. [2]+a+100 p. 4° Φ Paper, $2.50.

5408 17544. Central problems in engineering psychology [with list of references]; by V. P. Zinchenko and D. Yu. Panov. Feb. 8, 1963. [2]+21 p. il. 4° Φ Paper, 75c. (OTS: 63-21087).

5409 17545. Translations on international Communist developments, no. 338. Feb. 8, 1963. [2]+a+47 p. 4° Φ Paper, $1.25.

5410 17546. Translations on East European foreign trade, no. 82. Feb. 8, 1963. [2]+a+46 p. 4° Φ Paper, $1.25.

5411 17547. Political translations on Eastern Europe, no. 42. Feb. 11, 1963. [2]+a+80 p. 4° Φ Paper, $2.25.

5412 17549. Translations on East European service industries, no. 130. Feb. 11, 1963. [2]+a+62 p. il. 4° Φ Paper, $1.00.

5413 17559. Index of Le Monde, no. 33 (Jan. 1-31, 1963). Feb. 11, 1963. [2]+36 p. 4° Φ Paper, $1.00.
L.C. card 58-60878

5414 17561. Translations of political and sociological information on Communist China, no. 51. Feb. 11, 1963. [2]+a-b+113 p. 4° Φ Paper, $2.50.

5415 17562. Translations on Middle East, no. 24. Feb. 12, 1963. [2]+a+48 p. 4° Φ Paper, $1.25.

5416 17563. Translation of Pravda editorials, USSR, no. 48 (Feb. 6-9, 1963). Feb. 12, 1963. [2] p.+a+15 leaves, 4° Φ Paper, 50c.

5417 17564. Translations on economic organization and management in Eastern Europe, no. 147. Feb. 12, 1963. [2]+a+33 p. il. 4° Φ Paper, $1.00.

5418 17570. Translations on international Communist developments, no. 360. Feb. 12, 1963. [2]+a+40 p. 4° Φ Paper, $1.25.

5419 17578. Theory of initiation of cracks formed in brittle fracture of crystal, USSR [with bibliography]; by Yu. M. Plishkin. Feb. 12, 1963. [2]+16 p. il. 4° Φ Paper, 50c. (OTS: 63-21099).

5420 17583. Abstracts from East European scientific and technical journals, no. 76 (Electronics, engineering, and space research series). Feb. 12, 1963. [2] p.+a+27 leaves, 4° Φ Paper, 75c. (OTS: 63-21104).

5421 17584. Abstracts from East European scientific and technical journals, no. 77 (Physics and mathematics series). Feb. 12, 1963. [2] p.+a+10 leaves, 4° Φ Paper, 50c. (OTS: 63-21105).

5422 17599. Translations from Hoc tap, no. 12, 1962, North Vietnam. Feb. 12, 1963. [2]+a+108 p. 4° Φ Paper, $2.50.

5423 17603. Economic report on North Korea, no. 67. Feb. 13, 1963. [2]+a+39 p. 4° Φ Paper, $1.25.
L.C. card 58-60951

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5424 17604. Soviet critique of Christian, Jewish and Moslem scriptures; by G. Livshits. Feb. 13, 1963. [2]+a+72 p. 4° Φ Paper, $2.00.

5425 17609. Communist parties in Near East. Feb. 13, 1963. [2]+13 p. 4° Φ Paper, 50c.

LABOR DEPARTMENT

5426 Address by Secretary of Labor W. Willard Wirtz before John A. Ryan Forum, sponsored by Catholic Council on Working Life, Chicago, Ill., Feb. 8, 1963. Feb. 9, 1963. 9 leaves, 4° (USDL-5616; [(S-63-3675)].) [Processed.] † L 1.13: W 74/21

5427 Address by Secretary of Labor W. Willard Wirtz before National Academy of Arbitrators, Chicago, Ill., Feb. 1, 1963. Feb. 2, 1963. 16 leaves, 4° (USDL-5604; [(S-63-2546)].) [Processed.] † L 1.13: W 74/20

5428 Explanation of Manpower development and training act. [Revised Dec. 1962.] [1962.] cover title, [6]+14 p. il. oblong 24° (Office of Manpower, Automation and Training.) [Prepared in cooperation with Education Office, Health, Education, and Welfare Department.] † ● Item 745 L 1.2: M 31/6/962-2

5429 La Verite sur le systeme economique Americain; par George C. Lodge. Mai 1960. [2]+13 leaves, 4° [Processed. French language.] † L 1.13: L 82/4/French

5430 Secretary's conference with college presidents and executives, Howard University, Washington, D.C., Jan. 10 and 11, 1963, Arthur A. Chapin, special assistant to Secretary of Labor, chairman. [1963.] cover title, ii+v+261 p. 4° [Processed.] †
L.C. card L 63-25 L 1.2: C 68

LABOR-MANAGEMENT REPORTS BUREAU, Labor Dept.

5431 BLMR financial reporting guide. [1963.] 8 p. il. 4° † ● Item 762-D-5 L 31.12: F 49

LABOR STANDARDS BUREAU, Labor Dept.

Bulletins. ● Item 763 L 16.3: (nos.)

5432 216. Control of electrical shock hazards; [prepared by Sheldon W. Homan]. [1960, revised 1962.] [1963.] cover title, 16 p. il. (Safety in industry, Mechanical and physical hazards no. 1.) * Paper, 15c.
L.C. card L 63-27

5433 249. Farmwork, safety, and you, suggested discussion for youth leaders, teachers, counselors, work supervisors, and others to use in reviewing farm safety practices with employed youth. Nov. 1962. cover title, [1]+ii+30 p. 4° [Issued in loose-leaf form.] †
L.C. card L 63-17

Leaflet.

5434 1. Youth employment publications. Revised 1962. [1963.] [8] p. narrow 8° [Processed.] † L 16.45: 1/4

5435 Selected publications of Bureau of Labor Standards, Nov. 1962; [prepared by Audra S. Fenlason assisted by Dorothy M. Saffell and Helen L. Davis]. [1962.] cover title, [2]+23 p. il. † ● Item 765-A
L.C. card L 46-176 L 16.17: P 96/2/962

LABOR STATISTICS BUREAU, Labor Dept.

BLS reports. L 2.71: (nos.)

5436 169. National emergency disputes under Labor management relations (Taft-Hartley) act, 1947-61; [prepared in Division of Wages and Industrial Relations]. Revised July 1962. [Oct. 1962.] cover title, iii+28 p. 4° †
L.C. card L 63-22

5437 237-8. Consumer expenditures and income: Philadelphia, Pa., 1960. Jan. 1963. 12 p. 4° (Survey of consumer expenditures, 1960-61; advance report.) [Processed.] †
L.C. card L 63-18

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Bulletins. ● Item 768 L 2.3: (nos.)

5438 1345-9. Occupational wage survey: San Bernardino-Riverside-Ontario, Calif., Sept. 1962; [prepared by Robert L. Orr]. Dec. 1962. iii+18 p. oblong 8° [Also issued as H. doc. 605, pt. 9, 87th Cong., 2d sess.] • Paper, 20c.
L.C. card L 49-125

5439 1345-11. Same: Wichita, Kans., Oct. 1962; [prepared by Mary Stokes]. Jan. 1963. iii+26 p. oblong 8° [Also issued as H. doc. 605, pt. 11, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5440 1345-12. Same: Omaha, Nebr.-Iowa, Oct. 1962; [prepared by Marvin Glick]. Dec. 1962 [published 1963]. iii+20 p. oblong 8° [Also issued as H. doc. 605, pt. 12, 87th Cong., 2d sess.] • Paper, 20c.
L.C. card L 49-125

5441 1345-14. Same: Cleveland, Ohio, Sept. 1962; [prepared by Kenneth Thorsten]. Jan. 1963. iii+32 p. oblong 8° [Also issued as H. doc. 605, pt. 14, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5442 1345-15. Same: Boston, Mass., Oct. 1962: [Prepared by Leo Epstein]. Jan. 1963. iii+32 p. oblong 8° [Also issued as H. doc. 605, pt. 15, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5443 1345-16. Same: Washington, D.C.-Md.-Va., Oct. 1962: [prepared by Philip Goldstein]. Jan. 1963. iii+30 p. oblong 8° [Also issued as H. doc. 605, pt. 16, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5444 1345-17. Same: St. Louis, Mo.-Ill., Oct. 1962; [prepared by Mary Stokes]. Feb. 1963. iii+32 p. oblong 8° [Also issued as H. doc. 605, pt. 17, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5445 1345-18. Same: Davenport-Rock Island-Moline, Iowa-Ill., Oct. 1962; [prepared by Kenneth Thorsten]. Feb. 1963. iii+28 p. oblong 8° [Also issued as H. doc. 605, pt. 18, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5446 1345-19. Same: Richmond, Va., Nov. 1962; [prepared by William L. Dansby]. Jan. 1963. [2] leaves+20 p. oblong 8° [Also issued as H. doc. 605, pt. 19, 87th Cong., 2d sess.] • Paper, 20c.
L.C. card L 49-125

5447 1345-20. Same: Waterloo, Iowa, Nov. 1962; [prepared by Kenneth Thorsten]. Jan. 1963. iii+24 p. oblong 8° [Also issued as H. doc. 605, pt. 20, 87th Cong., 2d sess.] • Paper, 25c.
L.C. card L 49-125

5448 1349. Industry wage survey: Hosiery, pt. 1, Women's, pt. 2, Men's pt. 3, Children's, Feb. 1962; [prepared by Charles M. O'Connor]. Dec. 1962 [published 1963]. vi+70[2] p. 4° [Also issued as H. doc. 612, 87th Cong., 2d sess.] • Paper, 45c.
L.C. card L 63-20

5449 1353. Major union contracts in United States, 1961; prepared in Division of Wage and Industrial Relations]. Dec. 1962. v+18 p. il. 4° • Paper, 20c.
L.C. card L 63-21

5450 1358. Industry wage survey: Basic iron and steel, Mar. 1962; [prepared by L. Earl Lewis]. Jan. 1963. iv+34+[2] p. il. 4° • Paper, 30c.
L.C. card L 63-19

5451 Department store inventory price indexes, July 1962. Aug. 29, 1962. 2 p. 4° [Processed.] † L 2.79: 962-2

5452 Earnings in selected industries in District of Columbia, summer 1962, summary release. Jan. 1963. 14 p. 4° [Processed.] † L 2.2: Ea 7/7/962

Income, education, and unemployment in neighborhoods. [Processed. Prepared in cooperation with Census Bureau, Commerce Dept.] †

5453 Birmingham, Ala. [Jan. 1963.] cover title, [27] p. il. oblong 8°
L.C. card L 63-23 L 2.88: B 53

5454 Chicago, Ill. [Jan. 1963.] cover title, [100] p. 2 maps, oblong 8° [Maps are separate.]
L.C. card L 63-23 L 2.88: C 43

5455 Houston, Tex. [Jan. 1963.] cover title, [32] p. 2 maps, oblong 8°
L.C. card L 63-23 L 2.88: H 81

5456 Los Angeles, Calif. [Jan. 1963.] cover title, [3]+6+75 p. 2 maps, oblong 8° [Maps are separate.]
L.C. card L 63-23 L 2.88: L 89

5457 Minneapolis-St. Paul, Minn. [Jan. 1963.] cover title, [35] p. il. oblong 8°
L.C. card L 63-23 L 2.88: M 66

•For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

Monthly labor review reprint. †

5458 2408. Technical note: 1959 benchmarks for BLS payroll employment statistics; [by] Samuel Schechter. [1963.] p. 1385–92, 4° [From Monthly labor review, Dec. 1962.] L 2.6/a : 2408

5459 Occupational outlook brief: Skilled workers. [1963.] 4 p. il. 4° (Occupational Outlook Service.] [Processed. Excerpt from 1961 Occupational outlook handbook.] † L 2.3/a 2 : Sk 33/961

5460 Prevalence and characteristics of unfunded pension plans; Jan. 1963. 6 p. 4° [Processed. Preliminary release.] † L 2.2 : P 38/2

5461 U.S. economy in 1963, [address] by Ewan Clague, Commissioner of Labor Statistics, Department of Labor, before Harmonie Club, New York, N.Y., Jan. 19, 1963. [1963.] 15 leaves, 4° [Processed.] † L 2.26 : C 51/92

LAND MANAGEMENT BUREAU, Interior Dept.

5462 1962 public land statistics. [1963.] vii+190 p. il. map [Formerly Statistical appendix to Annual report of director, Bureau of Land Management.] † ● Item 633–C
L.C. card 63–60656 I 53.1/2 : 962

LIBRARY OF CONGRESS

5463 Information for readers in Library of Congress. [1956, revised 1962.] [1962.] 16 p. il. †
L.C. card 14–30003 LC 1.2 : R 22/5/962

5464 International scientific organizations, guide to their library, documentation, and information services [with bibliography of general sources of information]. 1962 [published 1963]. xi+794 p. (General Reference and Bibliography Division, Reference Department.) [Compiled and published under grant from National Science Foundation as one of its International science information studies.] * Cloth, $3.25. ● Item 806–B
L.C. card 62–64648 LC 2.8 : Sci 2

5465 Newspapers of Soviet Union in Library of Congress (Slavic, 1954–60, non-Slavic, 1917–60); prepared by Paul L. Horecky with assistance of John P. Balys and Robert G. Carlton. 1962. iv+73 p. 4° (Slavic and Central European Division and Serial Division, Reference Department.) * Paper, 60c. ● Item 818–E
L.C. card 62–60087 LC 35.2 : So 8

Presidents' papers index series.

5466 Index to Andrew Johnson papers with selective bibliography]. 1963. xiii+154 p. 4° (Manuscript Division, Reference Department.) * Paper, $1.25. ● Item 811–B
L.C. card 62–60007 LC 4.7 : J 63

MARITIME ADMINISTRATION, Commerce Dept.

5467 United States Merchant Marine, brief history. [1962.] 8 p. il. 4° [Processed.] † C 39.202 : M 53/2/962

MILITARY HISTORY, OFFICE OF CHIEF OF (Army), Defense Dept.

5468 Military advisors in Korea, KMAG in peace and war [with bibliographical note], by Robert K. Sawyer; edited by Walter G. Hermes. 1962. x+216 p. il. 2 maps (1 is in pocket). [Maps are colored.] * Cloth, $3.50. ● Item 344
L.C. card 62–60015 D 114.2 : K 84/3

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

MINES BUREAU, Interior Dept.

Information circulars. I 28.27: (nos.)

5469 8125. Mica, materials survey [with bibliographies]; by Milford L. Skow. [1962.] xii+240 p. il. 1 pl. map, 4° * Paper, $1.75. ● Item 637-A
L.C. card 63-60634

5470 8137. Review of fire and explosion hazards of flight vehicle combustibles [with bibliography]; by Robert W. Van Dolah [and others]. [1963.] [2]+iv+80 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.
L.C. card 63-60657

5471 8143. Secondary nonferrous metals industry in California, with data on Nevada and Hawaii [with list of references]; by George C. Branner. [1963.] [2]+vii+115 p. il. 4° * Paper, 60c. ● Item 637-A
L.C. card 63-60544

5472 8144. Manganese mining and milling methods and costs, Mohave Mining and Milling Co., Maricopa County, Ariz.; by P. V. Fillo. [1963.] [2]+ii+29 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5473 8146. Ultrasonic phenomena and methods of measurement, bibliography; by C. A. Komar and J. Pasini III. [1963.] [3]+31 p. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

Petroleum products survey. (Mineral industry surveys.) [Processed.] † Mines Bureau, Pittsburgh, Pa.

5474 27. Motor gasolines, summer 1962; prepared by O. C. Blade. Jan. 1963. cover title, [1]+32 p. 4 pl. map, 4° I 28.18/3: 27

Report of investigations I 28.23: (nos.)

5475 6082. Flotation of siegenite in complex sulfide table middling from southeast Missouri; by W. A. Calhoun and T. E. Hill, jr. [1963.] [3]+13 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5476 6134. Petroleum-engineering study of Hall-Gurney oilfield, Russell County, Kans. [with bibliography]; by C. H. Riggs [and others]. [1963.] [2]+v+86 p. il. 4 pl. 4° * Paper, $1.25. ● Item 637-A

5477 6144. Performance of Losch anthracite stoker in building-heating service [with list of references]; by R. F. Tenney and J. W. Eckerd. [1963.] [2]+ii+45 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5478 6149. Inclined-piston deadweight pressure gage; by D. R. Douslin and J. P. McCullough. [1963.] [3]+11 p. il. 4° [Processed. References in footnotes.] † Mines Bureau, Pittsburgh, Pa.

5479 6151. Vibrations from instantaneous and millisecond-delayed quarry blasts [with list of references]; by Wilbur I. Duvall [and others]. [1963.] [2]+ii+34 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5480 6153. Treating beryl-spodumene concentrates containing 10 to 30 percent beryl by fluosilicate process [with bibliography]; by R. O. Dannenberg, D. W. Bridges, and J. B. Rosenbaum. [1963.] [3]+18 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5481 6154. Experiments in fused-salt electrolysis of tungsten; by F. R. Cattoir. [1963.] [3]+10 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5482 6155. Thermodynamic properties of yttrium metal and iron pentacarbonyl at high temperatures [with list of references]; by James R. Welty, Charles E. Wicks, and Herbert O. Boren. [1963.] [3]+10 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5483 6156. Recovery of beryllium from Utah ore by fluosilicate process [with list of references]; by R. O. Dannenberg, D. W. Bridges, and J. B. Rosenbaum. [1963.] [3]+12 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5484 6157. Thermodynamic properties of cesium chloride and cesium iodide from 0° to 300° K; by A. R. Taylor, jr., T. Estelle Gardner, and D. F. Smith. [1963.] [3]+7 p. il. 4° [Processed. References in footnotes.] † Mines Bureau, Pittsburgh, Pa.

5485 6158. Design and applications of some mathematical models for mine-systems analysis [with bibliography]; by Richard F. Hewlett and D. E. Redmon. [1963.] [2]+ii+51 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5486 6159. Separation and recovery of cobalt and nickel by solvent extraction and electrorefining [with bibliography]; by P. T. Brooks and J. B. Rosenbaum. [1963.] [2]+ii+30 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5487 6160. Differential sulfatizing process for recovery of ferrograde manganese [with bibliography]; by Charles Prasky, F. F. Joyce, jr., and W. S. Swanson. [1963.] [2]+ii+30 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5488 6161. Electrolytic methods of preparing cell feed for electrorefining titanium; by M. M. Wong [and others]. [1963.] [2]+ii+22 p. il 4° [Processed. Based on work done in cooperation with General Services Administration.] † Mines Bureau, Pittsburgh, Pa.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5489 6162. Reaction rate of titanium and titanium subchlorides in molten sodium chloride [with list of references]; by T. A. Henrie, E. K. Kleeples, and D. H. Baker, jr. [1963.] [3]+20 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5490 6163. Chemical and physical beneficiation of Florida phosphate slimes; by James H. Gary, I. L. Feld, and Edward G. Davis. [1963.] [2]+ii+35 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5491 6165. Noise from pneumatic rock drills, measurement and significance [with bibliography]; by William C. Miller. [1963.] [2]+ii+30 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5492. 6166. Oxidation of Colorado oil shale [with bibliography]; by W. E. Robinson [and others]. [1963.] [2]+ii+33 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5493 6167. Analyses of brines from oil-productive formations in Mississippi and Alabama [with list of references]; by M. E. Hawkins, O. W. Jones, and C. Pearson. [1963.] [3]+22 p. il. 4° [Processed. Prepared in cooperation with Mississippi State Oil and Gas Board.] † Mines Bureau, Pittsburgh, Pa.

5494 6168. Improved gravimetric method for analyzing blast furnace top gas; by David J. Kusler. [1963.] [3]+21 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5495. 6169. Investigations of stresses in drill bit and rock under static loads [with list of references]; by Albert J. Rambosek and James B. Williams, jr. [1963.] [3]+21 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5496 6170. Effect of indium on solid solubility of calcium and of silicon in magnesium; by R. L. Crosby and K. A. Fowler. [1963.] [3]+11 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5497 6171. Heats and free energies of formation of barium oxide and strontium oxide; by Alla D. Mah. [1963.] [3]+8 p. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5498 6172. Flotation of ilmenite from Virginia saprolite and unweathered diorite ores; by Vernon F. Swanson. [1963.] [3]+8 p. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5499. 6173. Recovery of beryllium from Spor Mountain, Utah, ore by solvent extraction and caustic stripping [with list of references]; by Laird Crocker [and others]. [1963.] [2]+ii+27 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5500 6174. Pressure forming of aluminum oxide; by Sara Jane Boles and Edwin E. Maust, jr. [1963.] [3]+14 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5501. 6175. High-temperature heat contents and entropies of sesquioxides of erbium, holmium, thulium, and ytterbium; by L. B. Pankratz and E. G. King. [1963.] [3]+8 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5502 6190. Flammability of trichloroethylene; by G. S. Scott. [1963.] [3]+5 p. il. 4° [Processed.] † Mines Bureau, Pittsburgh, Pa.

5503 Sulfur in 1962, preliminary; prepared by Clarence O. Babcock and Betty I. Stanley. Dec. 12, 1962. 1 p. 4° (Mineral industry surveys; Sulfur, annual.) [Processed.] † Mines Bureau, Pittsburgh, Pa.
I 28.63/2: 962

5504 Tungsten in 1962; [prepared by A. S. Prokopovitsh]. Dec. 20, 1962. 7 p. 4° (Mineral industry surveys; Tungsten, annual, preliminary.) [Processed. Includes report Tungsten in Oct. 1962, (preliminary 1962).] † Mines Bureau, Pittsburgh, Pa. I 28.73/2: 962/prelim.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

5505 Annual indexes to Technical publications announcements, v. 2, nos. 1–19, Apr.–Dec. 1962: sec. 1, Subject index; [prepared by Scientific and Technical Information Facility]. Dec. 31, 1962 [published 1963]. cover title, v+643 p. 4°
L.C. card 63–60719 NAS 1.9/3: 2/ind./sec.1

5506 —— sec. 2, Corporate source, personal author, report number, accession number; [prepared by Scientific and Technical Information Facility]. Dec. 31, 1962 [published 1963]. cover title, v+620+[3] p. 4° [Includes title page and table of contents for Abstracts, v. 2, nos. 1–19.] ✡
L.C. card 63–60719 NAS 1.9/3: 2/ind./sec. 2

5507 Fifth anniversary international tracking of space vehicles, Goddard Space Flight Center, Greenbelt, Md., Jan. 31, 1963. 1963. v+26 p. il. 4° † ● Item 830-C
L.C. card 63–60715 NAS 1.2: T 67

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

5508 Guide to annual subject index for Technical publications announcements, Apr.–Dec. 1962. Dec. 31, 1962 [published 1963]. cover title, ii+50 p. 4° [Processed.] †
L.C. card 63-60719 NAS 1.9/3: 2/ind./sec.1/guide

NACA research memorandum RM (series). (National Advisory Committee for Aeronautics.) [Processed.] Y 3.N 21/5: 15/(letter-nos.)

5509 A50H10. Lateral-control characteristics and dihedral effect of wing-body combination with variable-incidence triangular wing and wing-tip ailerons at Mach number of 1.52 [with list of references]; by Richard Scherrer and David H. Dennis. Jan. 10, 1951. cover title, 16+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 50c.

5510 A58F02. Approximate solutions for flow about flat-top wing-body configurations at high supersonic air-speeds [with list of references]; by Raymond C. Savin. Sept. 15, 1958. cover title, 69+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $1.75.

5511 E50H24. Preliminary analysis of 3 cycles for nuclear propulsion of aircraft; by L. V. Humble, W. W. Wachtl, and R. B. Doyle. Oct. 13, 1950. cover title, 24+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 75c.

5512 E54D08. Altitude investigation of can-type flame holder in 20-inch-diameter ram-jet combustor [with list of references]; by George R. Smolak and Carl B. Wentworth. June 3, 1954. cover title, 27+[4] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, 75c.

5513 E54G08. Combined compressor coolant injection and afterburning for turbojet thrust augmentation [with list of references]; by James W. Useller, S. C. Huntley, and David B. Fenn. Sept. 16, 1954. cover title, 34+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, $1.00.

5514 E54G15. Pumping characteristics for several simulated variable-geometry ejectors [with list of references]; by John L. Allen. Sept. 8, 1954. cover title, 25+[1] p. il. 4° [Declassified July 17, 1962.] † Paper, 75c.

5515 E54G28. Effects of secondary-air flow on annular base force of supersonic airplane [with list of references]; by Donald J. Vargo. Oct. 11, 1954. cover title, 28+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5516 E54H19. Thrust and pumping characteristics of series of ejector-type exhaust nozzles at subsonic and supersonic flight speeds [with list of references]; by Donald P. Hearth and Alfred S. Valerino. Nov. 17, 1954. cover title, 35+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, $1.00.

5517 E55E04. Low-temperature chemical starting of 200-pound-thrust JP-4-nitric acid rocket engine using 3-fluid propellant value [with list of references]; by Glen Hennings and Gerald Morrell. June 30, 1955. cover title, 24+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5518 E55G01. Flight investigation of pentaborane fuel in 9.75-inch-diameter ram-jet engine with downstream fuel injection [with list of references]; by John H. Disher and Merle L. Jones. Apr. 22, 1957. cover title, 28+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5519 E55G21a. Performance characteristics of several divergent-shroud aircraft ejectors [with list of references]; by William K. Greathouse and William T. Beale. Sept. 8, 1955. cover title, 45+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $1.25.

5520 E55H04a. Analysis of air-turborocket engine performance including effects of component changes [with list of references]; by Roger W. Luidens and Richard J. Weber. Apr. 6, 1956. cover title, 97+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, $2.25.

5521 E56H23. Performance of variable 2-dimensional inlet designed for engine-inlet matching: 1, Performance at design Mach number of 3.07 [with list of references]; by M. A. Beheim and L. W. Gertsma. Nov. 20, 1956. cover title, [1]+31 p.+[2] leaves, il. 4° [Declassified Aug. 22, 1962.] Φ Paper, $1.00.

5522 E56I18. Experimental investigation of high subsonic Mach number turbine having high rotor blade suction-surface diffusion [with list of references]; by William J. Nusbaum and Cavour H. Hauser. Nov. 20, 1956. cover title, 19+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, 50c.

5523 E56I26. Performance of supersonic ramp-type side inlet with ram-scoop throat bleed and varying fuselage boundary-layer removal Mach number range 1.5 to 2.0 [with list of references]; by Glenn A. Mitchell and Robert C. Campbell. Jan. 17, 1957. cover title, 29+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5524 E56J11. Study of injection processes for 16-percent fluorine-85-percent oxygen heptane in 200-pound-thrust rocket engine [with list of references]; by M. F. Heidmann. Jan. 15, 1957. cover title, 24 p.+[2] leaves, il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 75c.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

5525 E57G26a. Investigation of rotating-stall limits in supersonic turbofan engine [with list of references]; by James F. Dugan, jr. Oct. 3, 1957. cover title, 26+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5526 E57H01. Comparison of injectors with 200-pound thrust ammonia-oxygen engine with list of references]; by Richard J. Priem and Bruce J. Clark. Sept. 4, 1958. cover title, 9+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 50c.

5527 E58D01. Effect of pressure level on afterburner-wall temperatures [with list of references]; by Thomas B. Shillito and George R. Smolak. June 11, 1958. cover title, 24+[1] p. il. 4° Φ Paper, 75c.

5528 E58E20. Comparison of calculated and experimental temperatures and coolant pressures losses for cascade of small air-cooled turbine rotor blades [with list of references]; by Francis S. Stepka. Sept. 4, 1958. cover title, 25+[4] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5529 E58G10a. Off-design performance of divergent ejectors [with list of references]; by Milton A. Beheim. Sept. 30, 1958. cover title, [1]+60+[1] p. il. 4° Φ Paper, $1.50.

5530 E58G17. Experimental study of ballistic-missile base heating with operating rocket [with one reference]; by J. Cary Nettles. Sept. 23, 1958. cover title, 10+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, 50c.

5531 L55H23. Force and pressure measurements on several canopy-fuselage configurations at Mach numbers 1.41 and 2.01 [with list of references]; by A Warner Robins. Dec. 15, 1955. cover title, 107+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, $2.50.

5532 L55J24. Simulated flight investigation of scaled-speed elastic swept-wing bomber and fighter models coupled wing tip to wing tip [with list of references]; by Robert E. Thompson. Feb. 14, 1956. cover title, 43+[2] p. il. 4° [Declassified July 17, 1962]. Φ Paper, $1.25.

5533 L56I13. Investigation of static pressures and boundary-layer characteristics on forward parts of 9 fuselages of various cross-sectional shapes at $M_\infty=2.01$ [with list of references]; by Lowell E. Hasel and Walter L. Kouyoumjian. Jan. 1, 1957. cover title, 93+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, $2.25.

5534 L57H13. Buffet tests of attack-airplane model with emphasis on analysis of data from wind-tunnel tests [with list of references]; by Don D. Davis, jr., and Dewey E. Wornom. Feb. 21, 1958. cover title, 56+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, $1.50.

NASA EP (series). ● Item 830–G

5535 5. NASA and universities, principal addresses at general sessions, NASA-University Conference on Science and Technology of Space Exploration, Chicago, Ill., Nov. 1, 1962. [1963.] cover title, i+91 p. il. 4° * Paper, 55c.
L.C. card 63–60557 NAS 1.19 : 5

NASA facts. [Educational services publication.] ● Item 830–H

5536 G–12–62. Project Relay. [1963.] 1 sheet, il. oblong f° [Designed for bulletin-board display uncut, or 8 p. il. 4° for loose-leaf notebook insertion when cut along dotted lines and folded along solid lines.] * Paper, 15c. NAS 1.20 : G–12–62

5537 G–12–62, supp. Report on 1st Relay communications satellite; Jan. 14, 1963. 1963. 1 p. 4° [Design for bulletin board display, or for loose-leaf notebook insertion as p. 9 of NASA facts, Project Relay.] †
NAS 1.20 : G–12–62/supp.

NASA memorandums. [Processed.] NAS 1.10 : (nos.)

5538 6–5–59A. Wind-tunnel investigation at subsonic and supersonic speeds of static and dynamic stability derivatives of airplane model with unswept wing and high horizontal tail [with list of references]; by Henry C. Lessing and James K. Butler. June 1959. cover title, 77+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $2.00.

5539 6–8–59L. Aerodynamic characteristics of X–15/B–52 combination; by William J. Alford, jr., and Robert T. Taylor. June 1959. cover title, 28 p.+[2] leaves, il. 4° [Declassified Sept. 27, 1962.] Φ Paper, 75c.

NASA SP (series). NAS 1.21 : (nos.)

5540 12. Results of 3d U.S. manned orbital space flight, Oct. 3, 1962 [articles, with bibliographies]. [Dec. 1962.] v+120 p. il. 4° (Manned Spacecraft Center, Project Mercury; [Office of Scientific and Technical Information].) * Paper, 70c. ● Item 830–I
L.C. card 63–60714

5541 13. Geophysics and astronomy in space exploration [articles, with lists of references]. Dec. 1962 [published 1963]. cover title, iii+43 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 1 of NASA SP–11, Proceedings of NASA-University Conference on Science and Technology of Space Exploration.] * Paper, 35c.
L.C. card 63–60693

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

NASA SP (series)—Continued

5542 14. Lunar and planetary sciences in space exploration [articles, with lists of references]. Dec. 1962 [published 1963]. cover title, iii+85 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 1 of NASA SP-11. * Paper, 55c.
L.C. card 63-60694

5543 15. Celestial mechanics and space flight analysis [articles, with bibliographies]. Dec. 1962 [published 1963.] cover title, iii+41 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 1 of NASA SP-11.] * Paper, 35c.
L.C. card 63-60736

5544 16. Data acquisition from spacecraft [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, iii+59 p. il. 4° (Office of scientific and Technical Information.) [Reprinted from v. 1 of NASA SP-11.] * Paper, 40c.
L.C. card 63-60737

5545 17. Control, guidance, and navigation of spacecraft [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, iii+54 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 1 of NASA SP-11.] * Paper, 40c.
L.C. card 63-60738

5546 18. Bioastronautics [articles, with lists of references]. Dec. 1962 [published 1963.] cover title, iii+35 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 1 of NASA SP-11.] * Paper, 30c.
L.C. card 63-60734

5547 19. Chemical rocket propulsion [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, iii+55 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 40c.
L.C. card 63-60695

5548 20. Nuclear rocket propulsion [articles, with lists of references]. Dec. 1962 [published 1963]. cover title, iii+62 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 45c.
L.C. card 63-60696

5549 21. Power for spacecraft [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, 1+26 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 25c.
L.C. card 63-60739

5550 22. Electric propulsion for space craft [articles, with lists of references]. Dec. 1962 [published 1963]. cover title, iii+37 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 35c.
L.C. card 63-60697

5551 24. Gas dynamics and space exploration [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, iii+51 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 40c.
L.C. card 63-60740

5552 26. Laboratory techniques in space environment research [articles, with bibliographies]. Dec. 1962 [published 1963]. cover title, iii+51 p. il. 4° (Office of Scientific and Technical Information.) [Reprinted from v. 2 of NASA SP-11.] * Paper, 40c.
L.C. card 63-60741

5553 28. Structures for space operations [articles, with list of references]. Dec. 1962 [published 1963]. cover title, iii+46 p. il. 4° (Office of Scientific and Technical Information.) * Paper, 35c.
L.C. card 63-60742

NASA technical memorandums TM (series). [Processed.]

NAS 1.15: X-(nos.)

5554 X-19. Heat-transfer and pressure measurements on flat-face cylinder at Mach number range of 2.49 to 4.44 [with list of references]; by Paige B. Burbank and Robert L. Stallings, jr. Aug. 1959. cover title, 24+[2] p. il. 4° [Declassified Aug. 24, 1962.] Φ Paper, 75c.

5555 X-25. Effect of multiple-jet exits on base pressure of simple wing-body combination at Mach numbers of 0.6 to 1.27 [with list of references]; by James M. Cubbage, jr. Aug. 1959. cover title, 36+[2] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, $1.00.

5556 X-44. Effects of wing vertical location on stability and control characteristics at Mach number of 2.01 of canard airplane configuration with trapezoidal aspect-ratio-3 wing [with list of references]; by Gerald V. Foster. Sept. 1959. cover title, 35+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, $1.00.

5557 X-47. Static stability and control characteristics of airplane model with tail surfaces outboard of wing tips at Mach number of 2.01 [with list of references]; by Cornelius Driver and M. Leroy Spearman. Sept. 1959. cover title, 28 p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, 75c.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5558 X-83. Overexpanded performance of conical nozzles with area ratios of 6 and 9 with and without supersonic external flow [with list of references; by] Norman T. Musial and James J. Ward. Sept. 1959. cover title, 25+[2] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, 75c.

5559 X-86. Experimental investigation of 0.35 hub-tip radius ratio transonic axial flow rotor designed for 40 pounds per second per square foot with design tip diffusion factor of 0.20 [with list of references]; by Paul T. Yasaki and John C. Montgomery. Sept. 1959. cover title, 37+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $1.00.

5560 X-121. Supersonic jet tests of missile stabilizers [with one reference]; by Louis F. Vosteen and Richard Rosecrans. Dec. 1959. cover title, 26+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 75c.

5561 X-169. Observations on flows past blunt bodies at transonic speeds [with list of references]; by Philip E. Everhart and Walter F. Lindsey. June 1960. cover title, 73+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $2.00.

5562 X-254. Performance of turbojet engine in combination with external-internal-compression inlet to Mach 2.88 [with list of references]; by David N. Bowditch, Bernhard H. Anderson, and William K. Tabata. July 1960. cover title, 28 p.+[2] leaves, il. 4° [Declassified July 17, 1962.] Φ Paper, 75c.

5563 X-292. Wind-tunnel investigation at Mach numbers from 0.50 to 1.14 of static aerodynamics characteristics of model of Project Mercury capsule [with list of references]; by Albin O. Pearson. July 1960. cover title, 28+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 75c.

5564 X-300. Analytical investigation of ablation [with list of references]; by Bernard Rashis and Russell N. Hopko. July 1960. cover title, 40+[1] p. il. 4° [Declassified July 17, 1962.] Φ Paper, $1.00.

5565 X-317. Wind-tunnel investigation at Mach numbers from 0.40 to 1.20 of static aerodynamic and control characteristics of model of nonlifting reentry capsule in combination with rocket booster [with list of references]; by Albin O. Pearson. Sept. 1960. cover title, 68+[1] p. il. 4° [Declassified Sept. 27, 1962.] Φ Paper, $1.75.

5566 X-507. Free-flight measurements of drag and static stability for blunt-nosed 10° half-angle cone at Mach number 15 [with list of references]; by Dale L. Compton. Apr. 1961. cover title, 17+[1] p. il. 4° [Declassified Aug. 22, 1962.] Φ Paper, 50c.

NASA technical notes TN (series). [Processed.] NAS 1.14:D-(nos.)

5567 D-526. Errata, Correlation of buckling strength of pressurized cylinders in compression or bending with structural parameters, by James P. Peterson, Oct. 1960. [Dec. 18, 1962.] 1 p. 4° †

5568 D-1279. Some operational aspects of using high-performance airplane as 1st stage booster for air-launching solid-fuel sounding rockets [with list of references]; by Victor W. Horton and Wesley E. Messing. Jan. 1963. cover title, 22 p.+[2] leaves, il. 4° Φ Paper, 75c.

5569 D-1310. Observations of properties of sintered wrought tungsten sheet at very high temperatures [with list of references]; by E. C. Sutherland and William D. Klopp. Feb. 1963. cover title, 40 p.+[2] leaves, il. 4° Φ Paper, $1.000.

5570 D-1335. Large-scale wind-tunnel investigation of wingless vertical take-off and landing aircraft [with list of references]; by David G. Koenig and James A. Brady. Feb. 1963. cover title, 48 p.+[2] leaves, il. 4° Φ Paper, $1.25.

5571 D-1422. Nimbus spacecraft and its communication system as of Sept. 1961 [with list of references; by] Rudolf A. Stampfl. Jan. 1963. cover title, iv+49+[5] p. il. 4° Φ Paper, $1.50.

5572 D-1442. Compatibility of molten uranium dioxide with 5 refractory materials [with list of references]; by William A. Sanders and Isadore L. Drell. Jan. 1963. cover title, 32 p.+[2] leaves, il. 4° Φ Paper, $1.00.

5573 D-1462. Micropower transistor logic circuits [with list of references]; by John C. Sturman. Feb. 1963. cover title, 69+[3] leaves, il. 4° Φ Paper, $1.75.

5574 D-1490. Irradiation effects of 40 and 440 Mev protons on transistors [with list of references]; by William C. Honaker and Floyd R. Bryant. Jan. 1963. cover title, 42 p.+[2] leaves, il. 4° Φ Paper, $1.25.

5575 D-1501. Application of numerical technique to lifting-surface theory for calculation of unsteady aerodynamic forces due to continuous sinusoidal gusts on several wing planforms at subsonic speeds [with list of references]; by Harold N. Murrow, Kermit G. Pratt, and Joseph A. Drischler. Feb. 1963. cover title, 55 p.+[2] leaves, il. 4° Φ Paper, $1.50.

5576 D-1516. Spin investigation of 1/20-scale model of unswept-wing, twin-engine, observation airplane [with list of references]; by Henry A. Lee. Jan. 1963. cover title, 18 p.+[2] leaves, il. 4° Φ Paper, 50c.

5577 D-1527. Heat transfer in laminar flows of incompressible fluids with $Pr \to 0$ and $Pr \to \infty$ [with list of references]; by Ernst W. Adams. Feb. 1963. cover title, 41+[4] p. il. 4° Φ Paper, $1.25.

•For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

NASA technical notes TN (series)—Continued

5578 D-1539. Satellite orbit computation program for Izsak's 2d-order solution of Vinti's dynamical problem [with list of references; by] Raymond V. Borchers. Feb. 1963. cover title, iii+36+[4] p. il. 4° Φ Paper, $1.00.

5579 D-1542. Precision endless-loop magnetic tape recorder for space applications; [by] R. C. Falwell, K. W. Stark, A. F. White. Feb. 1963. cover title, iii+17+[4] p. il. 4° Φ Paper, 75c.

5580 D-1545. Power input to small flat plate from diffusely radiating sphere with application to earth satellites, spinning plate; [by] Fred G. Cunningham. Feb. 1963. cover title, iii+44 p.+[2] leaves, il. 4° Φ Paper, $1.25.

5581 D-1546. Impedance of electrically short antenna in ionosphere [with list of references; by] H. A. Whale. Jan. 1963. cover title, iii+8 p.+[2] leaves, il. 4° Φ Paper, 50c.

5582 D-1551. Magnetic field of line current in transverse rarefied plasma stream [with list of references]; by Albert G. Munson. Feb. 1963. cover title, 21 p.+[2] leaves, il. 4° Φ Paper, 75c.

5583 D-1555. Z-function solutions for motion and heating during atmosphere entry from equatorial orbits of rotating planet [with list of references]; by Frederick W. Boltz. Feb. 1963. cover title, 193+[5] p. il. 4° Φ Paper, $3.00.

5584 D-1556. Lunar origin of tektites [with list of references]; by Dean R. Chapman and Howard K. Larson. Feb. 1963. cover title, 66+[4] p. il. 4° Φ Paper, $1.75.

5585 D-1563. Feasibility of applying field-ion emission to electrostatic rocket engines [with list of references]; by N. Stankiewicz. Jan. 1963. cover title, 21 p.+[2] leaves, il. 4° Φ Paper, 75c.

5586 D-1564. Visual study of 2-phase flow in vertical tube with heat addition [with list of references]; by Yih Yun Hsu and Robert W. Graham. Jan. 1963. cover title, [1]+22 p. il. 4° Φ Paper, 75c.

5587 D-1565. Experimental evaluation of theoretical elastic stress distributions for cylinder-to-hemisphere and cone-to-sphere junctions in pressurized shell structures [with list of references]; by William C. Morgan and Peter T. Bizon. Feb. 1963. cover title, 27 p.+[2] leaves, il. 4° Φ Paper, 75c.

5588 D-1569. Monthly and annual wind distributions as function of altitude for Santa Monica, Calif. (Pacific missile range) [with list of references]; by J. W. Smith. Jan. 1963. cover title, 156+[4] p. il. 4° Φ Paper, $3.00.

5589 D-1580. Boundary lubrication characteristics of typical bearing steel in liquid oxygen [with list of references]; by William F. Hady, Gordon P. Allen and Robert L. Johnson. Feb. 1963. cover title, 15 p.+[2] leaves, il. 4° Φ Paper, 50c.

5590 D-1582. Effect of surface energy on liquid-vapor interface configuration during weightlessness [with list of references]; by Donald A. Petrash, Thomas M. Nelson, and Edward W. Otto. Jan. 1963. cover title, 32 p.+[2] leaves, il. 4° Φ Paper, $1.00.

5591 D-1591. Investigation of visual boundary for immediate perception of vertical rate of descent [with one reference]; by Lindsay J. Lina and Arthur Assadourian. Feb. 1963. cover title, 24 p.+[2] leaves, il. 4° Φ Paper, 75c.

5592 D-1593. Investigation of lateral vibration characteristics of 1/5-scale model of Saturn SA-1 [with list of references]; by John S. Mixson, John J. Catherine, and Ali Arman. Jan. 1963. cover title, 65 p.+[2] leaves, il. 4° Φ Paper, $1.75.

5593 D-1594. Some effects of sweep and aspect of ratio on transonic flutter characteristics of series of thin cantilever wings having taper ratio of 0.6 [with list of references]; by John R. Unangst and George W. Jones, jr. Feb. 1963. cover title, 57 p.+[2] leaves, il. 4° [Supersedes NACA research memorandums L55113a, 1956, and L53G10a, 1953.] Φ Paper, $1.50.

5594 D-1598. Design, operation, and testing capabilities of Langley 11-inch ceramic-heated tunnel [with list of references]; by Otto F. Trout, jr. Feb. 1963. cover title, 32 p.+[2] leaves, il. 4° Φ Paper, $1.00.

5595 D-1600. Experimental panel flutter results for some flat and curved titanium skin panels at supersonic speeds [with list of references]; by John G. Presnell, jr., and R. L. McKinney. Jan. 1963. cover title, 16 p.+[2] leaves, il. 4° Φ Paper, 50c.

5596 D-1604. Equations for determining vehicle position in earth-moon space from simultaneous onboard optical measurements [with list of references]; by Alton P. Mayo, Harold A. Hamer, and Margery E. Hannah. Feb. 1963. cover title, 32 p.+[2] leaves, il. 4° Φ Paper, $1.00.

5597 D-1607. Study of effect of deadband about desired perigee on guidance of space vehicle approaching earth [with list of references]; by Jack A. White. Feb. 1963. cover title, 22 p.+[2] leaves, il. 4° Φ Paper, 75c.

5598 D-1646. Effects of sputtering with hydrogen ions on total hemispherical emittance of several metallic surfaces [with list of references]; by Donald L. Anderson and George J. Nothwang. Jan. 1963. cover title, 36 p.+[2] leaves, il. 4° Φ Paper, $1.00.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5599 D-1647. Handling qualities and operational problems of large 4-propeller STOL transport airplane [with list of references]; by Hervey C. Quigley and Robert C. Innis. Jan. 1963. cover title, 47 p.+[2] leaves, il. 4° Φ Paper, $1.25.

5600 D-1648. Static aerodynamic characteristics of short blunt 10° semivertex angle cone at Mach number of 15 in helium [with list of references]; by Melvin J. Fohrman. Feb. 1963. cover title, 37 p.+[2] leaves, il. 4° Φ Paper, $1.00.

5601 D-1649. Flight evaluation of lunar landing trajectories using jet VTOL test vehicle [with one reference]; by L. Stewart Rolls and Fred J. Drinkwater III. Feb. 1963. cover title, 14 p.+[2] leaves, il. 4° Φ Paper, 50c.

5602 D-1650. Aerodynamic characteristics of large-scale model with 2 high disk-loading fans mounted in wing [with list of references]; by David H. Hickey and Leo P. Hall. Feb. 1963. cover title, 78 p.+[2] leaves, il. 4° Φ Paper, $2.00.

5603 D-1658. Erosion resistance and failure mechanisms of several nozzle materials in small solid-propellant rocket engine [with list of references]; by Robert A. Signorelli and James R. Johnston. Feb. 1963. cover title, 48 p.+[2] leaves, il. 4° Φ Paper, $1.25.

5604 D-1668. Mathematical analysis for orientation and control of orbiting astronomical observatory satellite; [by] Paul B. Davenport. Jan. 1963. cover title, iii+16 p.+[2] leaves, il. 4° Φ Paper, 50c.

5605 D-1670. Model of quiet ionosphere [with list of references; by] J. Carl Seddon. Feb. 1963. cover title, iii+11 p.+[2] leaves, il. 4° Φ Paper, 50c.

5606 D-1677. Magnetic core voltage-to-frequency converter [with list of references; by] Stephen Paull. Feb. 1963. cover title, iii+14 p.+[2] leaves, il. 4° Φ Paper, 50c.

5607 D-1685. Origin of atmospheric xenon [with list of references; by] A. G. W. Cameron. Feb. 1963. cover title, iii+4 p.+[2] leaves, il. 4° Φ Paper, 50c.
L.C. card 63-60698

5608 D-1696. Neutrons in space [with list of references; by] Wilmot N. Hess. Feb. 1963. cover title, iii+8 p.+[2] leaves, il. 4° [Presented at 5th Inter-American Seminar on Cosmic Rays, La Paz, Bolivia, July 17-27, 1962.] Φ Paper, 50c.

5609 D-1701. Periodic orbits for moon probes [with list of references; by] Su-Shu Huang. Feb. 1963. cover title, iii+5 p.+[2] leaves, il. 4° Φ Paper, 50c.

5610 D-1723. Lunar landing propulsion considerations [with bibliography]; by K. R. Stehling. Feb. 1963. cover title, 1+21 p.+[2] leaves, il. 4° Φ Paper, 75c.

5611 Space communications; by Gerald M. Truszynski. [1963.] 24 p. il. * Paper, 15c. ● Item 830-C
L.C. card 63-60619 NAS 1.2: Sp 1/11

Technical report R (series), 1962. * Paper, $15.00 a yr., $4.00 additional for foreign mailing; single copies vary in price. ● Item 830-D
NAS 1.12: (nos.)

5612 123. Calculations of compressible average turbulent skin friction [with list of references]; by Mitchel H. Bertram. [1963.] cover title, iii+31 p.+[2] leaves, il. 4° * Paper, 40c.

5613 129. Theoretical study of torques induced by magnetic field on rotating cylinders and spinnnig thin-wall cones, cone frustums, and general body of revolution [with list of references]; by G. Louis Smith. [1962.] cover title, 1+15 p.+[2] leaves, il. 4° * Paper, 30c.

5614 133. Preliminary theoretical study of expansion tube, new device for producing high-enthalpy short-duration hypersonic gas flows [with list of references]; by Robert L. Trimpi. [1963.] cover title, 1+29 p.+[2] leaves, il. 4° * Paper, 40c.

5615 142. Effect of large-amplitude oscillations on heat transfer [with list of references]; by Charles E. Feller and Ernest B. Yeager. [1963.] cover title, 1+24 p.+[2] leaves, il. 4° * Paper, 40c.

5616 X-15 research airplane. [1963.] cover title, 12 p. il. oblong 12° [Text and other illustrations on p. 1-3 of cover.] * Paper, 15c. ● Item 830-C
L.C. card 62-60241 NAS 1.2: Ai 7/963

NATIONAL AGRICULTURAL LIBRARY, Agriculture Dept.

Library list.

5617 74. School lunches, 1952-61, list of selected references; [compiled by Ruth M. Salmons]. Jan. 1963. 43 p. 4° [Processed.] †
L.C. card Agr 63-74 A 17.17: 74

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

NATIONAL BUREAU OF STANDARDS, Commerce Dept.

Circular.

5618 460. Supplementary list of publications of National Bureau of Standards, July 1, 1960 to Dec. 31, 1962. [1963.] cover title, iii–viii+32 p. 4° [Processed. To accompany NBS circular 460, supplement 7–1–47 to 6–30–57, and Miscellaneous publication 240, 7–1–57 to 6–30–60.] † ● Item 242
L.C. card 48–47112 C 13.4 : 460/supp.–21

Monograph. ● Item 247–A

5619 43, v. 1. Errata, Chemistry of cement, proceedings of 4th international symposium [Washington, 1960]. [1963.] [2] p. 4° [Processed.] †
C 13.44 : 43/v.1/errata

Technical note. ● Item 249–A

5620 165. Fading correlation bandwidth and short-term frequency stability measurements on high-frequency transauroral path [with list of references; by] James L. Auterman. Oct. 1962 [published 1963.] iii+53 p. il. 4° [Studies were carried out on behalf of Air Force under support of Electronic Systems Division, Air Force Systems Command.] * Paper, 40c.
L.C. card 63–60631 C 13.46 : 165

NATIONAL GUARD BUREAU, Defense Dept.

NGB pamphlet.

5621 51–3. Technicians, job descriptions for ARNG technician program, Changes 3. Feb. 1, 1963. [2] p. 4° [Processed.] † D 12.8 : 51–3/ch.3

NATIONAL HISTORICAL PUBLICATIONS COMMISSION, General Services Administration

5622 Report to the President containing proposal by National Historical Publications Commission, to meet existing and anticipated needs over next 10 years under national program for collection, preservation, and publication, or dissemination by other means, of documentary sources of American history. [1963.] vii+61 p. ([National Archives and Records Office.]) † ● Item 569–A
L.C. card 63–60632 GS 4.14 : P 94

NATIONAL INSTITUTES OF HEALTH, Health, Education, and Welfare Dept.

5623 Model Reporting Area for Mental Hospital Statistics, development, purpose, and program. [Revised 1962.] [1963.] [2]+13 p. 12° ([Public Health Service publication 699.]) [Prepared as joint publication of Model Reporting Area for Mental Hospital Statistics and National Institute of Mental Health.] † ● Item 507
L.C. card 63–60685 FS 2.22 : M 52/25/962

5624 National Institutes of Health. [Revised 1963.] [1963.] vi+38 p. il. 4° ([Public Health Service publication 81].) * Paper, 35c. ● Item 507
L.C. card 51–61510 FS 2.22 : N 21/2/963

5625 Patients in mental institutions, 1960: pt. 2, Public hospitals for mentally ill; prepared by National Institute of Mental Health, Biometrics Branch, Hospital Studies Section. [1963.] 76 p. il. 4° ([Public Health Service publication 963, pt. 2.]) † ● Item 494
L.C. card 42–37617 FS 2.59 : 960/pt.2

5626 Proceedings, 1st annual conference of Model Reporting Area for Blindness Statistics, 1962 [with list of references]. [1962.] [1]+iii+86 p. 4° ([Public Health Service publication 972]; National Institute of Neurological Diseases and Blindness.) † ● Item 507–V
L.C. card 63–60396 FS 2.22/37 : 962

5627 Survey of research on reproduction related to birth and population control (as of Dec. 1962). [1962.] [173] p. 4° †
L.C. card 63–60679 FS 2.22 : R 29

*For Sale by Superintendent of Documents
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

NATIONAL LABOR RELATIONS BOARD

5628 Decisions and orders of National Labor Relations Board, v. 135, Jan. 1–Feb. 28, 1962. 1962. xv+1420 p. * Cloth, $4.50. ● Item 826
L.C. card 37–26136 LR 1.8 : 135

5629 Four areas of developing law, resume and rationale, [address] by Stuart Rothman, General Counsel, National Labor Relations Board, before Labor Law Section, Wisconsin Bar Association, Milwaukee, Wis., Feb. 15, 1963. [1963.] [3]+56 p. 4° (R–908.) [Processed.] †
LR 1.7 : R 74/13

5630 NLRA, view from construction site, [address] by John H. Fanning, member, National Labor Relations Board, before Contractors Association of Eastern Pennsylvania, Philadelphia, Pa., Jan. 24, 1963. [1963.] [1]+14 p. 4° (R–906.) [Processed.] † LR 1.7 : F 21/14

5631 Recent trends in N.L.R.B. decisions, address by Gerald A. Brown, member, National Labor Relations Board, before Industrial Relations Section, Pennsylvania Bar Association, Pittsburgh, Pa., Feb. 1, 1963. [1963.] [1]+18 p. 4° (R–907.) [Processed.] † LR 1.7 : B 81/6

NATIONAL MUSEUM, Smithsonian Institution

5632 United States National Museum, annual report for year ended June 30, 1962. [1962.] viii+195 p. il. [Also issued as H. doc. 615, 87th Cong., 2d sess.] † ● Item 918
L.C. card 6–6378 SI 3.1 : 962

NATIONAL PARK SERVICE, Interior Dept.

5633 Acadia National Park, Maine. [Revised 1963.] [1963.] 32 p. il. narrow 8° [Includes list of books and maps about Acadia. Some illustrations are colored.] * Paper, 15c. ● Item 651 I 29.6 : Ac 1/2/963

5634 Chiricahua National Monument, Ariz. [Revised 1963.] [1963.] [6] p. il. * Paper, 5c. ● Item 650 I 29.21 : C 44/2/963

5635 Federal Hall National Memorial, New York City. [Revised 1963.] [1963.] [6] p. il. [Prepared in cooperation with Federal Hall Memorial Associates, Inc.] * Paper, 5c. ● Item 650 I 29.21 : F 31/963

5636 Fort Matanzas National Monument, Fla. [1963.] 8 p. il. narrow 8° * Paper, 5c. ● Item 650 I 29.21 : F 77 ma/2/963

5637 Fort Washington, Md. [Revised 1963.] [1963.] [6] p. il. * Paper, 5c. ● Item 650 I 29.21 : F 77 w/963

Historical handbook series.

5638 12. Fort Sumter National Mounment, S.C. [with list of suggested readings]: by Frank Barnes. 1952, revised 1962. [1963.] [4]+47 p. il. * Paper, 25c. ● Item 649
L.C. card 63–60658 I 29.58 : 12/2

5639 Moses H. Cone Memorial Park, Blue Ridge Parkway, N.C. [1962.] [6] p. il. † ● Item 650 I 29.21 : M 85/962

5640 Mount Rushmore National Memorial, S. Dak. [Revised 1962.] [1962.] [6] p. il. 4° * Paper, 5c. ● Item 650 I 29.21 : M 86/2/962

5641 Pipestone National Monument, Minn. [1963.] [10] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21 : P 661/963

5642 Rock Creek Park, Washington, D.C. [1962.] [16] p. il. narrow 8° * Paper, 10c. ● Item 651 I 29.6 : R 59/9

5643 Saguaro National Monument, Ariz. [1963.] [10] p. il. narrow 8° * Paper, 10c. ● Item 650 I 29.21 : Sa 1/2/963

5644 Sequoia and Kings Canyon National Parks, Calif. [Revised 1963.] [1963.] 24 p. il. narrow 8° * Paper, 15c. ● Item 651 I 29.6 : Se 6/5/963

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

NATIONAL RESEARCH COUNCIL, National Academy of Sciences

5645 Techniques for measuring body composition, proceedings of conference, Quartermaster Research and Engineering Center, Natick, Mass., Jan. 22–23, 1959, sponsored by Headquarters Quartermaster Research and Engineering Command, Army Quartermaster Corps, and Committee on Stress Physiology, Advisory Board on Quartermaster Research and Development, Division of Engineering and Industrial Research [with lists of references]; edited by Josef Brožek, and Austin Henschel. 1961. [1]+vi+300 p. il. [Processed.] Φ Paper, $5.00 (AD 286506)
L.C. card 61–60085 NA 2.2: B 63

NATIONAL SCIENCE FOUNDATION

5646 Guide to scientific and technical literature of Eastern Europe; [compiled by Beverly A. Rawles with assistance of Inez B. Wheldon]. Oct. 1962 [published 1963]. [3]+i+94 p. 4° ([NSF–62–49].) [Prepared for National Science Foundation by Battelle Memorial Institute.] † ● Item 834–P
L.C. card 63–60647 NS 1.20: Eu 7

5647 National Science Foundation, 12th annual report, fiscal year 1962. [1962, published 1963.] xvii+368 p. il. ([NSF 63.1.]) [Also issued as H. doc. 39, 88th Cong., 1st sess.] * Paper, $1.50. ● Item 834–B
L.C. card 52–60336 NS 1.1: 962

NAVAL OCEANOGRAPHIC OFFICE, Defense Dept.

NOTE.—The name of the Hydrographic Office was changed to United States Naval Oceanographic Office by Public law 87–533 approved July 10, 1962.

Publications. ● Item 378 (Rev. 1957). D 203.22: (nos.)

5648 11. Sailing directions for British Columbia: v. 2, Coast of British Columbia from Cape Caution to Portland Inlet, including Queen Charlotte Islands and Dixon Entrance. 6th edition, 1962. 1962. xvi+456 p. il. map in pocket, 4°[Includes list of effective pages. Issued in loose-leaf form. Formerly H.O. pub. 176.] † Paper, $3.00; with ring binder, $4.50.
L.C. card 52–60429

5649 17. Change 7, Oct. 27, 1962, to Sailing directions for east Greenland and Iceland, 2d edition, 1951. 1962. [172] p. il. 4° (Hydrographic Office.) [Formerly no. 75. Includes list of effective pages. Issued in loose-leaf form.] † Paper, 35c.

5650 78. Change 7, Oct. 6, 1962, to Sailing directions for New Zealand, 3d edition, 1952. 1962. [178] p. il. 4° (Hydrographic Office.) [Includes list of effective pages. Issued in loose-leaf form. Formerly no. 171.] † Paper, 35c.

5651 111A. List of lights and fog signals, east coast of North and South America (excluding continental U.S.A.) and West Indies, pts. 7 and 8; Oct. 20, 1962. 3d edition. 1962. [3]+239–322 p. il. 4° [Includes list of effective pages and Notice to mariners 42 of 1962. Issued in loose-leaf form.] † Paper, 80c.
L.C. card 7–24405

5652 111B. Change 1, Nov. 10, 1962, to list of lights and fog signals: West coasts of North and South America (excluding continental U.S.A. and Alaska), Hawaiian Islands, Australia, Tasmania, New Zealand, and islands of North and South Pacific Oceans. 1962 [published 1963]. [187] p. il. 4° [Includes list of effective pages and Notice to mariners 45, 1962. Issued in loose-leaf form.] † Paper, 50c.

NAVAL OPERATIONS OFFICE, Defense Dept.

5653 At close quarters, PT boats in United States Navy, by Robert J. Bulkley, jr., with foreword by President John F. Kennedy; and introduction by Ernest McNeill Eller. 1962 [published 1963]. xxiv+574+[5] p. il. large 8° (Naval History Division.) * Cloth, $4.75. ● Item 399–A
L.C. card 62–60098 D 207.10/2: Q 2

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

NAVAL PERSONNEL BUREAU, Defense Dept.

5654 Disbursing clerk 1 & C [with reading list; prepared by Navy Training Publications Center]. [1st edition 1951, revised 1963.] [1963.] cover title, iv+136 p. il. 4° (Navy training course; NAVPERS 10275-C.) ‡ ● Item 404
L.C. card 63-60701 D 208.11 : D 63/2/963

5655 Missile technician 3 & 2; [prepared by Navy Training Publications Center, Washington 25, D.C.]. [1962.] iv+375 p. il. 4° (Navy training course; NAVPERS 10153-A.) [Supersedes Guided missileman 3 & 2, NAVPERS 10153.] * Paper, $2.00. ● Item 404
L.C. card 63-60572 D 208.11 : M 69/962

5656 Photographer's mate 2 [with reading list; by Navy Training Publications Center, Memphis, Tenn.]. [1962 edition.] [1962.] cover title, vii+342 p. il. 4° (Navy training course, NAVPERS 10374-A.) * Paper, $2.25. ● Item 404
L.C. card 63-60681 D 208.11 : P 56/4/962

NAVAL RESEARCH OFFICE, Defense Dept.

Naval Training Device Center, Port Washington, N.Y.: Technical report NAVTRADEVCEN (series). [Processed.] ‡ D 210.14 : (nos.)

5657 511-1. Effect of learning on visual perception of depth; [by] Hans Wallach, Department of Psychology, Swarthmore College, Swarthmore, Pa. Aug. 1962. [1]+iii+35 p. il. 4° (Contract N61339-511.) [Text on p. 2 of cover.]

5658 836-2. Training for partial-panel control skills [with list of references; by] George E. Briggs. Nov. 1962. [2]+iv+10 p. 4° (Laboratory of Aviation Psychology, Ohio State University, Columbus, Ohio; contract N61339-836.)

NAVAL WEAPONS BUREAU, Defense Dept.

NAVWEPS report.

5659 7867. Study of initial failures of precision instrument components [with bibliography; prepared by Joseph Berkowitz and Marvin Bierman]. Aug. 1961. [1]+167 p. il. 4° (Contract N171-21354A; Naval Weapons Plant, Engineering Department; Paratron Corporation, Carle Place, N.Y.) [Processed.] Φ Paper, $3.00. (PB 181040). D 217.18 : 7867

[Ordnance pamphlet] OP (series). ● Item 410-A

5660 2230. Workmanship and design practices for electronic equipment. 2d revision. Dec. 1, 1962. viii+[463] p. il. 4° [Supersedes OP 2230 (1st revision), Apr. 22, 1959.] * Paper, $2.50.
L.C. card 63-60640 D 217.12 : 2230

OLD-AGE AND SURVIVORS INSURANCE BUREAU, Health, Education, and Welfare Dept.

OASI (series). ● Item 518-A FS 3.35 : (nos.)

5661 23c. You don't have to retire completely to get social security benefits. [Jan. 1963.] [2] sheets, il. oblong 12° folded into narrow 12° * Paper, $3.00 per 100; single copy, 5c.

5662 35. Your social security, old-age, survivors, and disability insurance benefits under social security law. [Jan. 1963.] iv+26+[2] p. il. oblong 48° * Paper, $6.50 per 100; single copy, 10c.
L.C. card HEW 60-28

5663 36. Financing your social security benefits. [Nov. 1962.] [2]+8+[2] p. il. oblong 48° * Paper, $5.00 per 100; single copy, 10c.
L.C. card HEW 61-29

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

ORDNANCE CORPS (Army), Defense Dept.

Ordnance Corps pamphlet ORDP (series).

5664 20-111. Ordnance engineering design handbook: Experimental statistics, sec. 2, Standard techniques for analysis and interpretation of enumerative and classificatory data, chap. 7-10 [with list of references; by] Mary G. Natrella. [June 1962, published 1963.] x+[62] p. 4° [Issued with perforations.] † Ordnance Engineering handbook Office, Ordnance Liaison Group, Durham, Box CM, Duke Station, Durham, N.C. ● Item 359-A
L.C. card 62-64452 D 105.9: 20-111

OUTDOOR RECREATION BUREAU, Interior Dept.

5665 Remarks of Edward C. Crafts, Director, Bureau of Outdoor Recreation, Department of Interior, before Utah Tourist and Publicity Council, Salt Lake City, Utah, on Feb. 2, 1963. [1963.] 7 leaves, 4° [Processed.] †
I 66.9: C 84/6

PATENT OFFICE, Commerce Dept.

5666 Celebration of American patent system 1836-1961, complete summary of proceedings in observance of 125th anniversary of United States patent act of 1836, Washington, D.C., Oct. 18-25, 1961. [1963.] v+231 p. il. 4° [Title on cover is: 125th anniversary of United States patent act of 1836.] * Paper, $1.50. ● Item 254
L.C. card 63-60678 C 21.2: P 27/11/pt.1,2

5667 —— pt. 2, Proceedings of International Patent Office Workshop on Information Retrieval [Oct. 23-25, 1961], sponsored by Patent Office, Patent Office Society and supported by National Science Foundation. [1963.] iii+[3]+79-239 p. il. 4° [Title on cover is: 125th anniversary of United States patent act of 1836. Price notice appears on title page in error.] †
L.C. card 63-60678 C 21.2: P 27/11/pt.2

5668 Manual of classification [replacement sheets incorporating changes directed by Classification orders issued subsequent to Sept. 30, 1962, and prior to Jan. 1, 1963]. [1963.] [35] p. 4° [Includes list of replacement sheets. Issued in loose-leaf form.] * Paper, $8.50 (including basic manual, index and revised pages for approximately 2 years); $2.00 additional for foreign mailing. ● Item 258 C 21.12: 963/rev.pages-1

5669 Periodicals in Scientific Library, Patent Office. Dec. 1962. [3]+53 p. 4° [Processed.] †
L.C. card 63-60648 C 21.17: P 41

POST OFFICE DEPARTMENT

5670 Address by J. Edward Day, Postmaster General, before luncheon meeting inaugurating ABCD mail service for Washington metropolitan area, Washington, D.C., Feb. 25, 1963. [1963.] 14 leaves, 4° (General release 27; Information Service.) [Processed.] † P 1.27: D 33/7

5671 Directory of international mail, transmittal letter 45; Jan. 10, 1963. [1963.] [456] p. (POD publication 42.) [Complete reprint consisting of numerous changes previously made by pen and ink, and other corrections and additions not mentioned individually. Issued with perforations.] * Paper, $5.00 (including basic book with binder and changes for an indefinite period), $1.50 additional for foreign mailing; also sold without binder, $2.50; $1.00 additional for foreign mailing. ● Item 839
P 1.10/5: 963

Domestic air mail transportation system [map]; Aug. 1, 1962. [1962.] 34 x 55 in. * Paper, 50c. P 1.39: Ai 7

5672 Insets: Alaska—Hawaii—Puerto Rico—Virgin Islands—East North Central, Middle Atlantic, New England, and South Atlantic regions of United States.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

5673 Research, development, and mechanization in Post Office Department, interim report to Postmaster General by Post Office Department Advisory Board. Feb. 1963. ix+65 p. il. * Paper, 30c. ● Item 837
L.C. card 63-60568 P 1.2 : R 31/8

PRESIDENT OF UNITED STATES

5674 Music in United States, [concert season] 1962-63. [1963.] [3]+215 p. 4° (Music Committee.) [Processed.] † Paper, $2.25, Music Committee, 734 Jackson Place, N.W., Washington 6, D.C.
L.C. card 61-61188 PR 35.8 : M 97/Un 35/962-63

5675 President's Council on Physical Fitness. [1963.] [4] p. il. [Illustration is colored.] † ● Item 851-J Pr 35.8 : P 56/P 56

5676 Report to the President, proposed program for national action to combat mental retardation. Oct. 1962 [published 1963]. vii+201 p. (President's Panel on Mental Retardation.) * Paper, 65c. ● Item 851-J
L.C. card 63-60565 Pr 35.8 : M 52/P 94

5677 Science, government, and information, responsibilities of technical community and government in transfer of information, report of President's Science Advisory Committee, White House, Jan. 10, 1963. [1963.] v+52 p. * Paper, 25c. ● Item 851-J
L.C. card 63-60595 Pr 35.8 : Sci 2/Sci 2

5678 Some new technologies and their promise for life sciences, Life Sciences Panel, President's Science Advisory Committee, White House, Washington, D.C.; Jan. 23, 1963. [1963.] v+22 p. * Paper, 15c. ● Item 851-J
L.C. card 63-60766 Pr 35.8 : Sci 2/T 22

PUBLIC DOCUMENTS DIVISION, Government Printing Office

Price list PL (series). † ● Item 554 GP 3.9 : (nos.)

5679 36. Government periodicals and subscription services; Feb. 1963. 109th edition. [1963.] [2]+29 p. il.
L.C. card 26-26170

5680 37. Tariff and taxation; Nov. 1962. 42d edition. [1963.] [2]+16 p. il.
L.C. card 25-27152

5681 38. Animal industry, farm animals, poultry and dairying; Dec. 1962. 56th edition. [1963.] [2]+12 p. il.
L.C. card 26-26332

5682 62. Commerce, business, patents, trademarks and foreign trade; Dec. 1962. 38th edition. [1963.] [2]+36 p. il.
L.C. card 26-26374

PUBLIC HEALTH SERVICE, Health, Education, and Welfare Dept.

5683 Darkfield microscopy for detection and identification of Treponema pallidum. 1962 [published 1963]. [3]+13 p. il. ([Publication 990]; Communicable Disease Center, Venereal Disease Branch, Atlanta, Ga.) [Revision of unnumbered publication previously issued by Communicable Disease Center.] * Paper, 15c. ● Item 505-A
L.C. card 63-60659 FS 2.60/7 : T 72

5684 Experiment in dental prepayment, Naismith dental plan [with bibliography]; by Quentin M. Smith, George E. Mitchell, Gertrude A. Lucas. [1963.] iv+31 p. il. ([Publication 970, Sept. 1962]; Division of Dental Public Health and Resources, Health Programs Branch.) † ● Item 485
L.C. card 63-60633 FS 2.2 : D 43/20

Health economics series.

5685 1. Medical care financing and utilization, source book of data through 1961 [with list of references cited in tables]; prepared by Health Economics Branch, Division of Community Health Services. [1962.] viii+260 p. il. 4° ([Publication 947.]) * Paper, $1.50. ● Item 496-D
L.C. card 63-60569 FS 2.99 : 1

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Health statistics from U.S. National Health Survey series. ● Item 500-E
FS 2.85: (letters-nos.)

5686 B-39. Persons injured in home and associated disability, United States, July 1959–June 1961, statistics on incidence of persons injured in home by whether accident occurred in or outside house, type of accident and number of disability days, by sex, age, residence and income, based on data collected in household interviews during July 1959–June 1961; [prepared by Kenneth W. Haase]. Jan. 1963. [4]+45 p. il. 4° ([Publication 584–B39; National Center for Health Statistics].) [List of selected reports from U.S. National Health Survey on p. 3 of cover.] * Paper, 35c.
L.C. card 63–60645

5687 B-40. Disability days due to injury, United States, July 1959–June 1961, statistics on disability days due to injury by age, sex, residence, geographic region, family income, usual activity status, race, and type and place of accident, based on data collected in household interviews during July 1959–June 1961; [prepared by Geraldine A. Gleeson]. Feb. 1963. [4]+45 p. il. 4° ([Publication 584–B40; National Center for Health Statistics].) * Paper, 35c.
L.C. card 59–61114

5688 B-41. Persons injured while at work, United States, July 1959–June 1961, statistics on incidence of persons injured while at work and associated disability days by place and type of accident, age, sex, residence, geographic region, family income, and education of family head, based on data collected in household interviews during July 1959–June 1961; [prepared by Charles S. Wilder]. Feb. 1963. [4]+47 p. il. 4° ([Publication 584–B41; National Center for Health Statistics].) [List of selected reports from U.S. national health survey on p. 3 of cover.] * Paper, 35c.
L.C. card 63–60686

5689 D-8. Comparison of hospitalization reporting in 3 survey procedures, study of alternative survey methods for collection of hospitalization data from household respondents. Jan. 1963. [6]+48 p. il. 4° ([Publication 584–D8; National Center for Health Statistics].) [Prepared in cooperation with Survey Research Center, University of Michigan, and Census Bureau. Text on p. 3 of cover.] * Paper, 40c.
L.C. card 63–60563

5690 Hill-Burton program, progress report July 1, 1947–June 30, 1962. [1962 edition.] [1962.] vii+74 p. il. 4° ([Publication 930–F–3], Hospital and medical facilities series (under Hill-Burton program), [category F], Reports-analyses; Division of Hospital and Medical Facilities, Program Evaluation and Reports Branch.) [Text on p. 2 of cover. Issued with perforations. Supersedes Publication 880, issued in 1961.] * Paper, 45c. ● Item 486–D
L.C. card 61–64719 FS 2.95: 947–62

Hospital and medical facilities series (under Hill-Burton program); Category D, Design-equipment. (Division of Hospital and Medical Facilities.) [Issued with perforations.] ● Item 486–D

5691 D-6. Compilation of studies on planning multiple disability rehabilitation facilities [with selected bibliography]. [1963.] iv+44 p. il. 4° ([Publication 930–D–6.]) [Issued previously as unnumbered publication in 1960 under same title, selected bibliography updated. Permission to adapt articles for this publication granted by Hospitals, journal of American Hospital Association.] * Paper, 35c.
L.C. card 63–60675 FS 2.74/3: D-6

—— Category F, Reports-analyses.

5692 F-3. See, above, Hill-Burton program, progress report.

—— Category G, Bibliography. (Division of Hospital and Medical Facilities.) [Issued with perforations.] ● Item 486–D

5693 G-6. General hospital planning and design, selected references. [Jan. 1963.] iv+15 p. 4° ([Publication 930–G–6.]) [Supersedes unnumbered publication Selected bibliography, general hospital design, Apr. 1960.] * Paper, 20c.
L.C. card 63–60639 FS 2.74/3: G-6

5694 Navajo population. [1962.] [2]+311–325 p. [Processed. Reprinted from Navajo yearbook, 1951–61.] † I 20.44/a: P 819

5695 Short-term training courses under professional nurse traineeship program of Public Health Service, schedule B, revised Nov. 1962 (supplement to PHS pub. 520). [1963.] 7 p. 4° (Division of Nursing.) [Processed.] † FS 2.2: N 93/38/supp.

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5696 Sources of morbidity data, listing number 10, 1962, from clearinghouse on current morbidity statistics projects, Division of Community Health Service. [1962.] [4]+68 p. 4° ([Publication 985.]) † ● Item 499-A
L.C. card 53-63838 FS 2.76 : 10

5697 Statistical summary of municipal water facilities, communities of 25,000 population and over, as of Jan. 1, 1960. [1963.] [3]+56 p. il. 4° (Division of Water Supply and Pollution Control, Basic Data Branch.) [Processed.] †
L.C. card 63-60649 FS 2.84 : 960/sum.

5698 Tuberculosis beds in hospitals and sanatoria, index of beds available, June 30, 1961. [1963.] [3]+41 p. 4° ([Publication 801, revised 1962]; Communicable Disease Center, Tuberculosis Branch, Atlanta, Ga.) * Paper, 30c. ● Item 486-A
L.C. card 52-60267 FS 2.69 : 961

PUBLIC ROADS BUREAU, Commerce Dept.

5699 Highway progress, 1962, annual report of Bureau of Public Roads, fiscal year 1962. [Nov. 1962.] iv+112 p. il. * Paper, 35c. ● Item 264
L.C. card 7-14969 C 37.1 : 962

5700 Progress of Federal-aid highway program, remarks by Rex M. Whitton, Federal Highway Administrator, Bureau of Public Roads, Department of Commerce, at 18th annual convention of National Limestone Institute, Washington, D.C., Jan. 23, 1963. [1963.] 7 p. 4° [Processed.] †
C 37.21 : W 61/12

5701 Standard plans for highway bridges: v. 1, Concrete superstructures [with list of references]. [1962 edition.] June 1962. cover title, [22] leaves, il. oblong large 8° * Paper, $1.00. ● Item 265-A
L.C. card 63-60537 C 37.6/2 : B 76/v.1

5702 —— v. 2, Structural steel superstructures [with list references]. [1962 edition.] June 1962. cover title, [27] leaves, il. oblong large 8° * Paper, $1.00. ● Item 265-A
L.C. card 63-60537 C 37.6/2 : B 76/v.2

5703 —— v. 3, Timber bridges. [1962 edition.] June 1962. cover title, [17] leaves, il. oblong large 8° * Paper, $1.00. ● Item 265-A
L.C. card 63-60537 C 37.6/2 : B 76/v.3

5704 —— v. 4, Typical continuous bridges [with list of references]. [1962 edition.] June 1962. cover title, [24] leaves, il. oblong large 8° * Paper, $1.00. ● Item 265-A
L.C. card 63-60537 C 37.6/2 : B 76/v.4

RECLAMATION BUREAU, Interior Dept.

5705 Davis Dam and powerplant. [1962.] [8] p. il. † ● Item 660
I 27.2 : D 29/3/962

Engineering monographs.

5706 30. Stress analysis of hydraulic turbine parts [with list of references]; by F. O. Ruud. [July 1962.] [2]+v+31 p. il. 4° (Technical Information Branch, Denver Federal Center, Denver, Colo.) † Paper, 75c. Denver Federal Center, Denver, Colo.
L.C. card 63-60545 I 27.34 : 30

5707 Parker Dam & powerplant. [1962.] [8] p. il. † ● Item 660
I 27.2 : P 22/2/962

5708 Publications available for sale. Jan. 1963. cover title, [2]+16 p. [Semi-annual.] † Reclamation Bureau, Denver Federal Center, Denver, Colo.
L.C. card 14-30138 I 27.10/2 : 963/1

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

677108 O—63—No. 818——7

5709 Story of Colorado-Big Thompson project [with bibliography]. [1962, published 1963.] x+56 p. il. 1 pl. [Another illustration on p. 2 of cover.] * Paper, 70c. ● Item 660
L.C. card 63-60680 I 27.2 : C 71/10

RENEGOTIATION BOARD

5710 Renegotiation ruling 106, Addendum added (applicable to fiscal years ending after Mar. 31, 1962). [1963.] 1 p. 4° [Issued in loose-leaf form.] * Paper, 5c. ● Item 308 RnB 1.6/5 : 106/2

RURAL ELECTRIFICATION ADMINISTRATION, Agriculture Dept.

5711 1961 annual statistical report, rural telephone borrowers [lending program of Rural Electrification Administration loan, operating and financial statistics of REA telephone borrowers, year ending Dec. 31, 1962]. [Dec. 1962, published 1963.] cover title, xxxix+173 p. il. 4° (REA bulletin 300-4.) † ● Item 115
L.C. card 49-38508 A 68.1/3 : 961

Bulletin.

5712 300-4. See, above, 1961 annual statistical report, rural telephone borrowers.

5713 List of materials acceptable for use on systems of REA electrification borrowers, supp. 1, Jan. 1963. [1963.] viii+[93] p. il. 4° (REA bulletin 43-5; Technical Standards Committee (Electric).) [Issued in loose-leaf form.] * Paper, $1.00 a yr. (including basic manual and supplements); 25c. additional for foreign mailing. ● Item 116-A
L.C. card 52-61393 A 68.6/2 : 962/supp.1

SELECTIVE SERVICE SYSTEM

5714 Annual report of director of selective service for fiscal year 1962, to Congress of United States, pursuant to Universal military training and service act as amended. Jan. 3, 1963. viii+117 p. il. * Paper, 35c. ● Item 1076
L.C. card 52-60414 Y 3.Se 4 : 1/962

SHIP STRUCTURE COMMITTEE

Serial no. SSC.

5715 145. Effect on metallurgical variables in ship-plate steels on transition temperatures in drop-weight and Charpy V-notch tests [with list of references]; by F. W. Boulger and W. R. Hansen, Battelle Memorial Institute. Dec. 3, 1962. [4]+74 p. il. 4° (Report on project SR-151 to Ship Structure Committee under Bureau of Ships, Department of Navy, contract NObs-77113.) [Transmitted through Committee on Ship Steel, Division of Engineering and Industrial Research, National Academy of Sciences—National Research Council, under Department of Navy, Bureau of Ships contract NObs-84321.] Φ Paper, $2.25 (PB 181427). Y 3.Sh 6 : SSC-145

SMALL BUSINESS ADMINISTRATION

Management aids for small manufacturers. †

5716 148. Tax dates for small plants; prepared by staff members of Internal Revenue Service and Small Business Administration. Jan. 1963. 8 p. 4° [Issued with perforations.] SBA 1.10 : 148

5717 Prescription for progress, development loan program to help your community; [prepared by Office of Information Services]. [Feb. 1963.] [6] p. il. narrow 8° † ● Item 901-B SBA 1.2 : L 78/9

Small marketers aids.

5718 88. Wage-hour law in small firms; prepared by staff members of Wage and Hour and Public Contracts Divisions, Department of Labor, and Small Business Administration. Feb. 1963. 4 p. 4° (Business-Government relations.) [Issued with perforations.] † SBA 1.14 : 88

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

SMITHSONIAN INSTITUTION

5719 Author-subject index to articles in Smithsonian annual reports 1849–1961; compiled by Ruth M. Stemple and Editorial and Publications Division. 1963. v+200 p. (Publication 4503.) [Also issued as H. doc. 361, 87th Cong., 2d sess.] † (Libraries only.) ● Item 909
L.C. card 63–60660 SI 1.1 : 849–961/ind.

5720 Smithsonian Institution, report of secretary and financial report of executive committee of board of regents, year ended June 30, 1962. [1963.] x+241 p. il. 16 pl. ([Publication 4515.]) [Includes reports of subordinate bureaus.] † ● Item 909
L.C. card CA 18–3 SI 1.1/a : 962

Smithsonian miscellaneous collections.

5721 v. 145. no. 4. Uniformity among growth layers in 3 ponderosa pine [with bibliography]; by Waldo S. Glock, Paul J. Germann and Sharlene R. Agerter. Feb. 21, 1963 [Port City Press, Inc., Baltimore, Md.]. xiv+375 p. il. 13 pl. (Publication 4508.) † Paper, $6.00.
L.C. card 63–60728 SI 1.7 : 145/4

SOCIAL SECURITY ADMINISTRATION, Health, Education, and Welfare Dept.

5722 Social security rulings on Federal old-age, survivors, and disability insurance, cumulative bulletin 1962, SSR 62–1 to SSR 62–71. [1963.] ix+118 p. * Paper, 35c. ● Item 523–A
L.C. card HEW 60–84 FS 3.44/2 : 962

SOLICITOR, Labor Dept.

5723 Legislative history of Welfare and pension plans disclosure act of 1958, as amended by Public law 87–420 of 1962. [1962.] xxxvi+568 p. 4° ([Office of Welfare and Pension Plans.]) * Cloth, $4.25. ● Item 772–C
L.C. card L 63–26 L 21.5 : W 45

STATE DEPARTMENT

Commercial policy series. ● Item 862

5724 196. Trade expansion act of 1962. [Dec. 1962, published 1963.] [2]+26 p. narrow 8° ([Publication 7467; Office of Media Services, Bureau of Public Affairs.]) [Reprinted from Department of State bulletin, Oct. 29 and Dec. 3, 1962.] * Paper, 15c.
L.C. card 63–60673 S 1.37 : 196

Far Eastern series.

5725 118. Fact sheet, southeast Asia. [Jan. 1963.] [2]+16 p. il. narrow 8° ([Publication 7473; Office of Media Services, Bureau of Public Affairs.]) * Paper, 10c. ● Item 870
L.C. card 63–60672 S 1.38 : 118

5726 Igbo, basic course; [prepared by] L. B. Swift, A. Ahaghotu, E. Ugorji. 1962. xiv+498 p. il. 4° (Foreign Service Institute.) [Compiled and published with support of Education Office, Health, Education and Welfare Dept.] * Paper, $2.25. ● Item 872–A
L.C. card 63–60404 S 1.114/2 : Ig 1

International organization and conference series. ● Item 882–B

5727 36. Population growth, world problem, statement of U.S. policy, by Richard N. Gardner, Deputy Assistant Secretary of State for International Organization Affairs. [Jan. 1963.] [2]+16 p. narrow 8° ([Publication 7485; Office of Media Services, Bureau of Public Affairs.]) [Made in Committee 2 (economic and financial) of U.N. General Assembly Dec. 10 and 13, 1962. Includes text of resolution adopted in plenary session, Dec. 18, 1962. Reprinted from Department of State bulletin, Jan. 7, 1963.] * Paper, 10c.
L.C. card 63–60691 S 1.70 : 36

Treaties and other international acts series. * Paper, $10.00 a yr. (approximately 150 issues), $6.00 additional for foreign mailing; single copies vary in price. ● Item 899 S 9.10 : (nos.)

***For Sale by Superintendent of Documents**
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

687108—63—No. 818——7

Treaties and other international acts series—Continued

5728 5200. Law of the sea, convention on high seas, between United States and other Governments, done Geneva Apr. 29, 1958 [proclaimed by President of United States, Nov. 9, 1962; entered into force Sept. 30, 1962]. [1963.] [2]+77 p. [Chinese, English, French, Russian, and Spanish.] * Paper, 25c.
L.C. card 63-60582

5729 5205. Telecommunication, coordination and use of radio frequencies above 30 megacycles per second, agreement between United States and Canada, effected by exchange of notes signed Ottawa Oct. 24, 1962; [entered into force Oct. 24, 1962]. [1963.] [2]+31 p. il. * Paper, 15c.
L.C. card 63-60583

5730 5216. Weather stations, cooperative meteorological program, agreement between United States and Dominican Republic, effected by exchange of notes signed Santo Domingo Aug. 2 and Oct. 25; [entered into force Oct. 25, 1962, operative retroactively, July 1, 1962]. [1962.] [2]+7 p. [English and Spanish.] * Paper, 10c.
L.C. card 63-60584

5731 5218. Indo-Pacific Fisheries Council, agreement between United States and other Governments, as amended at 9th session of Council, Karachi, Jan. 6-23, 1961 [entered into force Nov. 23, 1961], and amendments adopted Dec. 17, 1958, by Council at 8th session Colombo; [entered into force Dec. 17, 1958]. [1963.] [2]+17 p. [English and French.] * Paper, 10c.
L.C. card 63-60720

5732 5219. Agricultural commodities, agreement between United States and China, signed Taipei Nov. 19, 1962 [entered into force Nov. 19, 1962]; with exchange of notes. [1963.] [2]+22 p. [English and Chinese.] * Paper, 15c.
L.C. card 63-60585

5733 5220. Agricultural commodities, agreement, with memorandum of understanding, between United States and Israel, signed Washington Dec. 6, 1962; [entered into force Dec. 6, 1962]. [1963.] [2]+8 p. * Paper, 10c.
L.C. card 63-60587

5734 5221. Agricultural commodities, agreement between United States and Republic of Congo, amending agreement of Nov. 18, 1961, as amended, effected by exchange of notes dated Léopoldville Nov. 2, 1962; [entered into force Nov. 2, 1962]. [1963.] [2]+3 p. [English and French.] * Paper, 5c.
L.C. card 63-60606

5735 5222. Agricultural commodities, sales under title 4, agreement between United States and Yugoslavia, amending agreement of Apr. 21, 1962, as amended, effected by exchange of notes signed Belgrade Nov. 28, 1962; [entered into force Nov. 28, 1962]. [1963.] [2]+5 p. * Paper, 5c.
L.C. card 63-60607

5736 5223. Maritime matters, use of German territorial waters and ports by N.S. Savannah, agreement between United States and Federal Republic of Germany, signed Washington Nov. 29, 1962; [entered into force Nov. 29, 1962.] [1962.] [2]+11 p. [English and German.] * Paper, 10c.
L.C. card 63-60608

5737 5226. Army mission to Panama, agreement between United States and Panama, extending agreement of July 7, 1942, as amended and extended, effected by exchange of notes signed Panama Mar. 26 and July 6, 1962, and amending agreement effected by exchange of notes signed Panama Sept. 20 and Oct. 8, 1962; [entered into force Oct. 8, 1962]. [1963.] [2]+7 p. [English and Spanish.] * Paper, 10c.
L.C. card 63-60704

5738 5228. Agricultural commodities, agreement between United States and Pakistan, amending agreement of Oct. 14, 1961, effected by exchange of notes signed Karachi Dec. 3, 1962; [entered into force Dec. 3, 1962]. [1963.] [2]+3 p. * Paper, 5c.
L.C. card 63-60721

5739 5229. Amendments to constitution of United Nations Food and Agriculture Organization, as amended, adopted at 11th session of Food and Agriculture Organization, Rome, Oct. 30-Nov. 24, 1961. [1963.] [2]+5 p. [English and Italian.] * Paper, 5c.
L.C. card 63-60722

5740 5230. Agricultural commodities, agreement between United States and Argentina, amending agreements of Apr. 25, 1955, as amended, and Dec. 21, 1955, effected by exchange of notes, signed Buenos Aires Sept. 19 and Nov. 26, 1962; [entered into force Nov. 26, 1962]. [1963.] [2]+4 p. [English and Spanish.] * Paper, 5c.
L.C. card 63-60723

5741 5232. Defense, disposition of equipment and materials, agreement between United States and Turkey, amending agreement of May 26, 1955, effected by exchange of Notes signed Ankara Aug. 10, 1962; [entered into force Aug. 10, 1962]. [1963.] [2]+3 p. * Paper, 5c.
L.C. card 63-60724

5742 5237. Investment guaranties, agreement between United States and Nigeria, effected by exchange of notes signed Lagos Aug. 28 and Dec. 24, 1962; [entered into force Dec. 24, 1962]. [1963.] [2]+3 p. * Paper, 5c.
L.C. card 63-60725

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

5743 Treaties in force, list of treaties and other international agreements of United States in force on Jan. 1, 1963; compiled by Treaty Affairs Staff, Office of Legal Adviser, Department of State. [1963.] ix+336 p. 4° ([Publication 7481.]) * Paper, $1.75. ● Item 900-A
L.C. card 56-61604 S 9.14 : 963

5744 UNESCO in news. [1963.] [16] p. il. 4° (U.S. National Commission for UNESCO.) † ● Item 894 S 5.48 : N 47

5745 United States treaties and other international agreements: v. 13, pt. 1, 1962. [1962.] xi+1196+xvii p. il. large 8° [Includes treaties and other international acts series 4931-5063. Text in English and other languages.] * Cloth, $8.00. ● Item 899-A
L.C. card 53-60242 S 9.12 : 13/pt.1

STATISTICAL REPORTING SERVICE, Agriculture Dept.

5746 1963 crop and livestock reports, content and dates of release. Dec. 1962. 14 p. 4° (Crop Reporting Board.) [Processed.] † A 92.35 : C 88/963

5747 Livestock and poultry inventory, Jan. 1, [1963] number, value, and classes. Feb. 13, 1963. 31 p. 4° (LvGn 1 (63); Crop Reporting Board.) † ● Item 21-N
L.C. card 56-60751 A 92.18/8 : 963

5748 Milk production. Feb. 13, 1963. 16 p. 4° (Da 1-1; Crop Reporting Board.) [Processed. Special in this issue; Milk cows and milk production by months, 1961-62.] † A 92.10 : 963/2

5749 Naval stores, 1961-62 annual report, production, supply, distribution, consumption and stocks of turpentine and rosin and related data for United States. May 1962. 10 p. 4° (SpCr 3 (62); Crop Reporting Board.) [Processed.] †
L.C. card 52-63159 A 92.25 : 961-62

5750 Seed crops, certified seed potato report. Dec. 28, 1962. 15 p. 4° (Pot 3 (62); Crop Reporting Board.) [Processed.] † A 92.19/6 : 962

SYSTEMS RESEARCH AND DEVELOPMENT SERVICE, Federal Aviation Agency

NOTE.—The Aviation Research and Development Service was redesignated, with changes, as the Systems Research and Development Service by FAA order of May 16, 1962.

5751 Final report, test and evaluation of bi-directional computer updating equipment (CUE), task 104-608V [with bibliography]; prepared by E. L. McAfee [and others]. Feb. 1962. [214] p. il. 4° ([Aviation Research and Development Service], Test and Experimentation Division, National Aviation Facilities Experimental Center, Atlantic City, N.J.) [Processed.] Φ Paper, $3.50 (AD 282931).
L.C. card 63-60668 FAA 2.2 : C 73/2

TARIFF COMMISSION

5752 Softwood lumber, report to the President on investigation no. 7-116 (TEA-1-4) under sec. 301(b) of Trade expansion act of 1962. Feb. 1963. cover title, iv+104 leaves, il. 4° (Publication 79; [TC28000].) [Processed.] †
L.C. card 63-60703 TC 1.2 : L 97

TENNESSEE VALLEY AUTHORITY

5753 Municipal and cooperative distributors of TVA power, 1962 annual report. [Nov. 1, 1962.] cover title, 72 p. il. 4° [Some illustrations are colored.] †
L.C. card 55-60221 Y 3.T 25 : 1-3/962

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

TRANSPORTATION CORPS (Army), Defense Dept.

5754 Report of evaluation: Transporter, 4-bag drive, 4 x 4, 2-ton (Rolligon Mark 4, model 1901 Traveler): phase 2, Subarctic evaluation, Alaska 1962. Jan. 1963. cover title, ix+23+[4] p. il. 4° (TCB-61-156-EV; Army Transportation Board, Fort Eustis, Va.) [Processed.] ‡
D 117.2: T 68/3/phase 2

5755 —— Transporter, 4-bag drive, 4 x 4, 2-ton (Rolligon Mark 4, model 1901, Traveler]: phase 3, Desert evaluation, 1962. Jan. 1963. cover title, ix+27+[4] p. il. 4° (TCB-61-156-EV; Army Transportation Board, Fort Eustis, Va.) [Processed.] ‡ D 117.2: T 68/3/phase 3

5756 —— Transporter, 6-bag drive, 6 x 6, 7-ton (Rolligon Mark 4, model 1802): phase 2, Subarctic evaluation. Dec. 1962. cover title, ix+23+[4] p. il. 4° (TCB-61-155-EV; Army Transportation Board, Fort Eustis, Va.) [Processed.] ‡ D 117.2: T 68/2/phase 2

5757 —— Transporter, 6-bag drive, 6 x 6, 7-ton (Rolligon Mark 4, model 1802): phase 3, Desert evaluation. Jan. 1963. cover title, ix+31+[4] p. il. 4° [Processed.] ‡ D 117.2: T 68/2/phase 3

TCREC technical report. (Army Transportation Research Command, Fort Eustis, Va.) [Processed.]

5758 62-46. Investigation of controlled flow phenomena for air cushion vehicles [with list of references]; prepared by Bell Helicopter Company, Fort Worth, Tex. Nov. 1962. cover title, [1]+xvi+[132] p. il. 4° (Task 9R99-01-005-05, contract DA 44-177-TC-744.) Φ (Price upon application).
D 117.8/2: 62-46

TREASURY DEPARTMENT

5759 The President's tax and expenditure control program, key to economic policy in sixties, remarks of Henry H. Fowler, Under Secretary of Treasury, at annual luncheon of Girard Trust Corn Exchange Bank, Philadelphia, Pa., Feb. 14, 1963. [1963.] 17 p. 4° [Processed.] †
T 1.31: F 82/11

5760 Remarks of Douglas Dillon, Secretary of Treasury, at 25th anniversary industry salute to Federal National Mortgage Association, Washington, D.C., Feb. 11, 1963. [1963.] 7 p. 4° (D-749.) [Processed.] †
T 1.31: D 58/34

UNITED STATES INFORMATION AGENCY

5761 Voice of America doubles its power, new Greenville complex. [1963.] 15 p. il. † ● Item 672-B IA 1.2: V 87/4

UNITED STATES TRAVEL SERVICE, Commerce Dept.

5762 Address by Voit Gilmore, director, United States Travel Service, prepared for delivery before Women's Traffic Club, Winston-Salem, N.C., Jan. 11, 1963. [1963.] 3 leaves, 4° [Processed.] † C 47.9: G 42/4

5763 Role of public relations in marketing United States as tourist destination, remarks by Will Arey, director of Media Relations, United States Travel Service, Department of Commerce, scheduled for delivery before members of Florida State Chapter, Public Relations Society of America, Miami, Fla., Feb. 19, 1963. [1963.] 4+[1] p. 4° [Processed.] †
C 47.9: Ar 3

URBAN RENEWAL ADMINISTRATION, Housing and Home Finance Agency

5764 Urban renewal, problems and promise, remarks by William L. Slayton, Commissioner, Urban Renewal Administration, Housing and Home Finance Agency, before meeting of New York State Society of Newspaper Editors, Rochester, N.Y., Feb. 11, 1963. [1963.] [1]+9 p. 4° [Processed.] † HH 7.13: Sl 1/15

***For Sale by Superintendent of Documents**
†Distribution Made by Issuing Office
‡Official Use. Not Available

Mailing Address for All Agencies Listed Is Washington 25, D.C., Unless Otherwise Indicated

WAGE AND HOUR AND PUBLIC CONTRACTS DIVISIONS, Labor Dept.

5765 How Federal wage-hour law applies to contract mail haulers. Revised Jan. 1963. [1963.] [6] p. narrow 8° (M-94.) [Processed.] †
L 22.2 : M 28/2/963

Industry pamphlet.

5766 5. How Federal wage hour law applies to automotive parts wholesaling. Revised Oct. 1962. [1963.] [3]+16+3 p. narrow 8° † ● Item 777-A
L 22.29 : 5/2

Regulations, title 29 of Code of Federal regulations. † ● Item 780

5767 pt. 516. Records to be kept by employers (subpart A, General requirements), under Fair labor standards act of 1938, as amended. [Mar. 1962, published 1963]. iii+4 p. 4° [Text of Code up to and including Jan. 1, 1962, and any Federal register amendments issued thereafter, up to and including Oct. 31, 1962.] † L 22.9 : 516/6/subpt.A

5768 pt. 516. Same: (subpt. B, Miscellaneous exemptions and other special requirements), under Fair labor standards act of 1938, as amended. [1963.] iii+8 p. 4° [Text of Code up to and including Jan. 1, 1962, and any Federal register amendments issued thereafter, up to and including Oct. 31, 1962.] ● Item 780 L 22.9 : 516/6/subpt.B

WEATHER BUREAU, Commerce Dept.

Circular.

5769 N. Manual of surface observations (WBAN), 7th edition, (revised Nov. 1961 to include changes 1 to 10); Change 11, Apr. 1963. [1963.] [223] p. il. 4° [Prepared in cooperation with Air Weather Service, Air Force Department, Naval Weather Service, Navy Department. Issued in loose-leaf form.] * Paper, $1.25. ● Item 273
L.C. card 54-60921 C 30.4 : N/961/ch.11

5770 Coastal warning facilities chart: Morgan City, La. to Apalachicola, Fla., 1963. Scale 30 nautical m.=1.3 in. [1963.] 11 x 18 in. [Broadcasts of marine forecasts and warnings on reverse.] * Paper, 10c.
C 30.22/3 : M 82/963

Technical paper. ● Item 281

5771 46. Atmospheric electric measurement results at Mauna Loa Observatory, results of one-year continuous and simultaneous measurement of atmospheric electric variables at Mauna Loa Geophysical Observatory, Hawaii, 1960-61 [with list of references; by] Wm. E. Cobb abd B. B. Phillips. 1962. v+[1]+252 p. il. 4° * Paper, $1.25. ● Item 281
L.C. card 63-60630 C 30.28 : 46

WOMEN'S BUREAU, Labor Dept.

Bulletin. ● Item 768

5772 271. Careers for women in retailing [with list of selected readings; [prepared by Shirley B. Grossman assisted by Hazel B. Hansen]. 1963 edition. [1963.] vi+52 p. il. * Paper, 25c.
L.C. card L 63-16 L 13.3 : 271/2

5773 Women workers in Georgia, 1960. [1963.] 12 leaves, 4° (WB 63-234.) [Processed.] † L 13.22 : G 29/960

5774 Women workers in Iowa, 1960. [1963.] 12 leaves, 4° ([WB 63-229].) [Processed.] † L 13.22 : Io 9/960

5775 Women workers in Massachusetts, 1960. [1963.] 12 leaves, 4° ([WB 63-226.]) [Processed.] † L 13.22 : M 38/960

5776 Women workers in Nebraska, 1960. [1963.] 12 leaves, 4° ([WB 63-222.]) [Processed.] † L 13.22 : N 27/960

*For Sale by Superintendent of Documents
ΦFor Sale by OTS, Commerce Dept.
●Sent to Depository Libraries

No
havi
entry

A.E.

A.F.

A.M.
A.M.

A.P.

A.R.

A.R.

A.R.
A.S.

Abde

Abil
Abla

Absc

Abst

Acad

Acad
ar
C

Acad

Acc
p

p

s

Acc

Acc

Acc

Acc
Act
Ada

Ad

Index

MONTHLY CATALOG, MARCH 1963

NOTE.—*Entries appear in this Index under subjects or titles. Bulletins, circulars, etc., having no specific subjects are entered under the issuing office only. Index citations are to entry numbers in the catalog.*

A

Entry

A.E.C., *see* Atomic Energy Commission.
A.F.C.R.L., *see* Air Force Research Laboratories.
A.M.C., *see* Army Materiel Command.
A.M.S., *see* Agricultural Marketing Service.
A.P.R.O., *see* Army Personnel Research Office.
A.R.A., *see* Area Redevelopment Administration.
A.R.S., *see* Agricultural Research Service.
A.R.S. series 4337–43
A.S.D., *see* Aeronautical Systems Division.
Abdo, Albert N., Saudi Arabia, market for U.S. products 5092
Ability, *see* Aptitude tests.
Ablating materials, analytical investigation of ablation 5564
Absolute identifications of cutaneous stimuli varying in both intensity level and duration 4502
Abstracts, *see* names of departments, bureaus, etc., issuing abstracts—*also* subjects.
Academy of Sciences, Kazakh SSR general meeting session 5205
Academy of Sciences, USSR:
articles from reports 5134
Chemical Sciences Department, general meeting 5162
Acadia National Park, general information 5633
Accidents:
persons injured, U.S. statistics, July 1959–June 1961—
at work 5688
in home 5686
prevention, handbook, Air Force manual 4380
see also Aircraft accidents—Motor vehicle accidents.
Acclimatization, high altitude, pyridine nucleotide oxidases and transhydrogenase activity 4410
Accounts and accounting, socialist economic accounting problems discussed among Chinese economists, Chinese study 5370
Accumulation of radioactive elements in body and their excretion 4469
Acreage-marketing guides 4330
Acts of Congress, *see* Law.
Adams, Ernst W., heat transfer in laminar flows of incompressible fluids, etc 5577
Addresses, lectures, etc.:
by—
Arey, Will 5763
Braderman, Eugene M 5091
Brown, Gerald A 5631
Choybalsan, H 5249
Clague, Ewan 5461
Cooper, Marcus F 4408
Crafts, Edward C 5665
Day, J. Edward 5670
Addresses, lectures, etc.—Continued
by—continued
Dillon, Douglas 5760
Fanning, John H 5630
Finger, Harold B 4500
Foster, William C 4441
Fowler, Henry H 5759
Gardner, Richard N 5727
Gilmore, Volt 5762
Goshen, Edward E 4429
Henry, E. William 4885
Hodges, Luther H 4645, 4649–50, 4653
Holloman, J. Herbert 4646–48
Johnson, Jesse C 4501
Kuhli, Ralph 4929
Lodge, George C. (French language) 5429
MacIntyre, Everette 4934
McMurray, Joseph P 4890–91
Martin, Clarence D 4652
Minow, Newton N 4888
Miyamoto, Kenji 5152
Morgan, Roy L 4654
Ramey, James T 4499
Roterus, Victor 4433
Rothman, Stuart 5629
Saxon, James J 4658
Schriever, B.A 4395, 4399
Slayton, William L 5764
Stakem, Thomas E 4901
Stern, Robert L 4651
Weaver, Robert C 5042
Williams, Harold W 4432
Wirtz, W. Willard 5426–27
delivered at Party Central Committee Plenum, USSR 5267
FMC SP series 4901
NASA-University Conference on Science and Technology of Space Exploration general sessions 5535
Adjutant General's Office, Army Library, selected current acquisitions 4322–23
Administrative management:
Forest Service, management systems, description 4984
management aids for small manufacturers 5716
national security policies and programs—
basic issues 4778
bibliography 4779
personnel selection and utilization, supervisor development program, basic course 4444
safety policy statements, guide 4928
Soviet legal measures on personnel administration 5185
Administrators, scientist, salary rates, examination announcement, amendment 4626
Adrenal glands:
catecholamine storage granules, number in adrenal medulla 4414
significance to heat resistance of organism, USSR study 5142
Adsorption cesium on clay minerals 5017
Advertising fair landmarks (statement) 4934

Entry

Advisory Commission in Intergovernmental Relations:
annual report—
1962 ---- 4324
1963 ---- 4325
Advisory Committee on Development of College-Level Technical Education, establish, message from the President ---- 4720
Advisory Committee on Development of Graduate Education, establish, message from the President ---- 4720
AEC, *see* Atomic Energy Commission.
Aerial photography, volume tables for pinyon-juniper stands ---- 4983
Aerodynamic heating, Z-function solutions for motion, etc., during atmosphere entry from equatorial orbits of rotating planet ---- 5583
Aerodynamics:
characteristics of X-15/B-52 combination ---- 5539
static characteristics of short blunt 10° semivertex angle cone in helium ---- 5600
see also Airplanes—Flow—Flutter (aircraft) — Heat transfer — Spacecraft—Wings (aircraft).
Aeromedical Research Institute, *see* Civil Aeromedical Research Institute.
Aeromedical reviews ---- 4409
Aeromonas, bacterial fish diseases ---- 4956
Aeronautical instruments, development of aircraft instruments, parts and elements, history, USSR study ---- 5149
Aeronautical Research Laboratories, mathematical statistical research, history ---- 4400
Aeronautical Systems Division, technical reports ---- 4391–94
Aeronautics:
aviation safety officer, examination announcement, discontinuance notice ---- 4622
civil aeronautics manuals, status ---- 4884
civil air regulations, amendments ---- 4879–80
Federal aviation regulations ---- 4883
status ---- 4884
United States activities, 1962 ---- 4719
see also Air navigation.
Aerospace, *see* Outer space.
Aerospace medicine, *see* Medicine.
Aerospace Research Office, OAR series ---- 4400
AFCRL, *see* Air Force Cambridge Research Laboratories.
Africa:
students from, West German assistance ---- 5365
translations ---- 5125, 5219
Afterburners:
use of combined compressor injection and afterburning in turbojet engine for thrust augmentation ---- 5513
wall temperatures, effect of pressure level ---- 5527
Agadir Province, Morocco, demographic, geographic and economic data ---- 5299
Aged:
facts on aging series ---- 5039–40
Federal legislation affecting older persons, 87th Congress, 2d session ---- 5041
housing for elderly, direct loans, Federal law, excerpts ---- 5043
marriage trends of older persons, and characteristics of older brides and grooms ---- 5040

Entry

Aged—Continued
problems, developments, 1959–63, report ---- 4771
Aging, Special Committee on, Senate:
activities and accomplishments, report ---- 4771
Agricultural commodities, *see* Agricultural products.
Agricultural Economics, periodic reports, list ---- 4372
Agricultural Marketing Service:
AMS series ---- 4331–35
marketing research directory ---- 4335
Agricultural products:
agricultural commodities, agreement with—
Argentina ---- 5740
China ---- 5732
Congo (Leopoldville) ---- 5734
Israel ---- 5733
Pakistan ---- 5738
Yugoslavia ---- 5735
consumed by factories ---- 4889
fallout and your farm food ---- 4368
grade names used in U.S. standards ---- 4346
hauling exempt commodities, operations of for-hire motor carriers, nature and extent ---- 4362
marketing research reports ---- 4657–63
production research reports ---- 4373–75
standards, U.S., checklist ---- 4331
Agricultural Research Service:
ARS series ---- 4337–43
opportunities—
doctors of veterinary medicine ---- 4364–65
veterinarians ---- 4364–65
Agriculture:
agricultural economic reports ---- 4801–3
agriculture handbooks ---- 4346–48
census 1959, general report, statistics by subjects, bound volume ---- 4592
code of Federal regulations ---- 4905
Communist China, translations ---- 5376
East European, translations ---- 5117–18, 5228, 5303, 5394
Foreign Agricultural Service, miscellaneous FAS-M series ---- 4977
Hungary ---- 5227
legislation, 87th Congress, review ---- 4751
program, message from the President ---- 4721
USSR, translations ---- 5137, 5218
vertical coordination in production and market structure, research needs ---- 4801
Agriculture Committee, House:
committee print ---- 4751
investigations and studies, expenses, report ---- 4735
Agriculture Department:
appropriations, 1963, proposal ---- 4727
budget, 1964 amendment ---- 4727
centennial, 1862–1962, commemorating ---- 4378
handling of pooled cotton allotments of Billie Sol Estes, hearings, errata ---- 4780
leaflet ---- 4356
market research reports ---- 4357–63
miscellaneous publications ---- 4364–66
production research reports ---- 4373–75
program aid (PA) series ---- 4367–71
statistical bulletin ---- 4376
technical bulletin ---- 4377
Air, salt water/air interface, effects of impressed electrostatic fields ---- 5050
see also Atmosphere.
Air carriers, domestic airmail service, map ---- 5672

Entry

Air conditioning equipment, industry, outlook for 1963 and review of 1962 — 4524
Air cushion vehicles, controlled flow phenomena — 5758
Air flow, *see* Flow.
Air Force:
  airmen, hierarchical factors in course grades in aviation high school — 4407
  instructor aptitude test scores compared with general aptitude indexes achieved by sample of basic airmen — 4405
  officers—
    jobs, feasibility of identifying predictors of success from personnel records, etc — 4402
    NCO leaders, selection techniques, status, June 30, 1962 — 4466
    peer ratings as predictors of disciplinary problems — 4462
    retirement prediction — 4403
    scientific and engineering assignments, role of education in rated effectiveness — 4404
  pilots, hearing, 1955–62 — 4417
  recruiting strategy with fluctuating availability and known demand, evaluation — 4406
  register—
    departmental edition — 4388–89
    document edition — 4712–13
  see also Military education.
Air Force Cambridge Research Laboratories:
  AFCHL series — 4379
  Air Force survey in geophysics — 4390
Air Force Department:
  AFCRL series — 4379
  Air Force manuals — 4380–85
  Air Force pamphlets — 4386–87
  Air Force surveys in geophysics — 4390
  ASD technical reports — 4391–94
  ESD technical documentary report — 4396
  OAR series — 4400
  Personnel Research Laboratory: Technical documentary reports — 4401–7
  WADD technical report — 4424
Air Force installations, *see* Installations (military).
Air inlets (aircraft):
  external-internal-compression, performance of turbo-jet engine in combination with — 5562
  supersonic, ramp-type side inlet with ram-scoop throat bleed and varying fuselage boundary-layer removal Mach no. 1.5 to 2.0, performance — 5523
    variable 2-dimensional, designed for engine-inlet matching — 5521
Air mail, domestic transportation system, map — 5672
Air navigation:
  flying training, Air Force manuals — 4381–82
  spacecraft — 5545
Air pollution:
  automobile exhaust air pollutants, development of depleted-uranium catalysts for destruction — 4490
  role in lung cancer morbidity, USSR study — 5396
Air traffic:
  control—
    facility operations, ATS manual — 4425
    test of bi-directional computer updating equipment — 5751

Entry

Air traffic—Continued
  holding pattern criteria, FAA regulations — 4882
  rules, civil air regulations — 4878
Air Traffic Service:
  facility operation, manual, change — 4426
  manuals — 4425–26
Air transportation, *see* Travel.
Aircraft:
  canopy-fuselage configurations, force and pressure measurements — 5531
  divergent-shroud aircraft ejectors, performance — 5519
  general operation rules, civil air regulations, amendment — 4880
  Navy, failure of Navy Dept. to use excess spare parts and assemblies in production, GAO review — 5003
  nuclear propulsion, 3 cycles — 5511
  wingless vertical take-off and landing, wind-tunnel investigation — 5570
  see also Airplanes—Exits (aircraft)—Flight—Landing (aircraft) — Spacecraft — Stability of aircraft—*also* names of aircraft parts, e.g. Wings (aircraft).
Aircraft accidents:
  investigation report — 4602
  survival of extreme vertical impact in seated position — 4504
Aircraft engines, *see* Engines (aircraft).
Aircraft fuel, *see* Motor fuel.
Aircraft instruments, *see* Aeronautical instruments.
Airfields, *see* Aviation fields—Pavements.
Airline routes, *see* Maps and charts.
Airmail, *see* Air mail.
Airmen, *see* Air Force.
Airplanes:
  attack, buffet tests — 5534
  canard configuration, trapezoidal aspect-ration-3 wing, effects of vertical location on stability and control — 5556
  F–104a, air launch solid-fuel sounding rockets, use as 1st-stage booster, operational aspects — 5568
  model with tail surfaces outboard of wing tips, static stability and control characteristics — 5557
  scaled-speed elastic swept-wing bomber and fighter models coupled wing tip to wing tip, simulated flight investigation — 5532
  spin of 1/20-scale model unswept-wing, twin-engine, observation airplane, investigation — 5576
  STOL transport 4-propeller, handling qualities and operational problems — 5599
  supersonic, effects of secondary-air flow on annular base force — 5515
  tail-wing-fuselage combinations, unswept wing and high horizontal tail, stability derivatives — 5538
  VTOL, aerodynamic characteristics of model with 2 high disk-loading fans mounted in wing — 5602
  wing-fuselage combinations, flat-top, solutions for flow — 5510
  X–15/B–52 combination, aerodynamic characteristics — 5539
  X–15 research airplane, general information — 5616
Airports, National Capital, FAA regulations — 4883
  see also Pavements.
Airspace utilization, *see* Air traffic.
Airworthiness, *see* Engines (aircraft).

Entry

Alabama:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4569
early potatoes, prepackaging at production points 4358
oil productive formations, analysis of brines 5493
Alaska:
Cape Spencer to Arctic Ocean, coast pilot supplement 4637
chum salmon resources from Bristol Bay to Point Hope 4970
northern, Naval Petroleum Reserve No. 4 and adjoining areas, seismic and gravity surveys, exploration 5020
Ogotoruk Creek area, bioenvironmental features 4494
participate in Pacific Marine Fisheries Commission compact, hearings 4757
transporter, Rolligon Mark 4, subarctic evaluation 5754
Alcohol and Tobacco Tax Division, *see* Internal Revenue Service.
Alford, William J., jr., aerodynamic characteristics of X-15/B-52 combination 5539
Algae, unicellular, production bases for development, USSR study 5313
Algebraic and graphic methods for evaluating discordant lead-isotope ages 5022
Aliens, code of Federal regulations 4906
Allen, John L., pumping characteristics for several simulated variable-geometry ejectors, etc 5514
Allen, Margaret F., cold pressor test, follow-up study 4421
Alloys, frictional characteristics at elevated temperatures 4496
see also names of metals, etc.
Altitude:
high, acclimatization, pyridine nucleotide oxidases and transhydrogenase activity 4410
wind distributions, Santa Monica, Calif 5588
Alumina, pressure forming of aluminum oxide 5500
Aluminum:
fiberglas reinforced, fabrication properties, report 4492
plant design, USSR studies 5360
wire coating, evaluation for concrete mattress reinforcement 4875
AMC, *see* Army Materiel Command.
America, is for everybody 4831
see also Middle America.
American Airlines, Inc., accident 4602
American Ethnology Bureau, bulletin 4428
American policy, *see* International relations.
American Standards Association, 13th National Conference on Standards, international standards increases American exports and world trade (address) 4645
AMG, *see* Acreage-marketing guides.
AMS, *see* Agricultural Marketing Service.
Analog computers, *see* Electronic computers.
Analytical investigation of ablation 5564
Anderson, Donald L., sputtering effects with hydrogen ions on total hemispherical emittance of metallic surfaces 5598
Anderson, T. W., use of factor analysis in statistical analysis of multiple time series 4419

Entry

Animal industry, *see* Livestock.
Animal products, code of Federal regulations 4907
Animals:
code of Federal regulations 4907
Communist China, husbandry, translations 5376
wild, free importation, report 4742
see also Livestock.
Anlauf quadrangle, Oreg., geology 5015
Annuities, *see* Pensions.
Antelopes, pronghorn, conservation note 4949
Antennas:
electrically short, impedance in ionosphere 5581
frequency steering of beam in antenna arrays, USSR study 5123
Antilles, light lists 4641
Antitrust laws, *see* Trusts (industrial).
Aphronia, *see* Voice.
Apples:
dehydrofrozen slices, potential in selected markets 4361
McIntosh, packing and merchandising, some effects on quality in New York City 4334
Apportionments, State legislatures 4326
Apprentices, construction industry, etc., satisfying manpower need (remarks) 4429
Appropriations, supplemental, 1963, proposals 4726
see also subjects, or names of departments, etc., for which appropriations are made.
APRO, *see* Army Personnel Research Office.
Aptitude tests:
Air Force—
comparison of instructor test scores and general indexes achieved by sample of basic airmen 4405
hierarchical factors in course grades in aviation high school 4407
NCO leaders, selection techniques, status, June 30, 1962 4466
new techniques, status, June 30, 1962 4465
armed services enlisted input, methods for improving, status report, 1962 4464
Aquifers, nonhomogeneous, steady flow, calculation of resistance and error in electric analog 5032
ARA, *see* Area Redevelopment Administration.
Arabs, immigration, settlement and minority in Israel 5354
Aransas National Wildlife Refuge, mammals 4964
Arches and burners for oil-fired maple sap evaporators 4341
Architects:
examination announcement 4631
discontinuance notice 4621
Architecture:
Air Force structures, definitive designs, change 4384
highway bridge plans—
concrete superstructures 5701
continuous bridges 5704
structural steel superstructures 5702
timber bridges 5703
Arctic regions, *see* Subarctic region.
Area Redevelopment Administration, publications, list 4431
Arey, Will, remarks, Feb. 19, 1963 5763
Argentina, agricultural commodities, agreement 5740

Entry

Arizona:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
central, water-table fluctuations, reduced by removal of tamarisk 4988
forest—
effect of logging on vegetation and deer use 4987
use of natural openings by deer, elk, and cattle 4986
Arkansas, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties statistics 4570
Armed Forces:
courts martial manual, 1951, addendum 4791
enlisted input, methods for improving, status report, 1962 4464
reenlistment of undesirable military personnel, GAO review 5006
Armed Forces Institute, manuals 4792–93
Armed services, *see* Armed Forces.
Armed Services Committee, House:
hearing 4752
organization, hearing 4752
report 4733
Armed Services Committee, Senate, hearings 4772
Armed services paper 4752
Armed Services Technical Information Agency:
ASTIA report bibliographies—
display systems 4437
explosive forming 4438
plasma physics and magnetohydrodynamics 4439
teaching machines 4440
correlation index of technical reports 4507
Army:
airfield and heliport rigid and overlay pavement, engineering and design manual 4862
enlisted men, classification, new techniques, status, June 30, 1962 4465
Judge Advocate legal service, pamphlets 4454–55
mission agreement with Panama 5737
personnel—
anti-tank missile gunners, selection 4467
correlates of disciplinary record in wide-range sample 4463
procurement legal service, pamphlet 4457
see also National Guard.
Army Audit Agency, career opportunities, professional auditing 4468
Army Department:
civilian personnel pamphlets 4443–50
pamphlets 4451–57
technical manuals 4458–59
Army Materiel Command, AMC pamphlets 4442
Army missions, *see* Military missions.
Army National Guard, *see* National Guard.
Army Personnel Research Office:
research publications, 1962, abstracts 4461
USAPRO technical research notes 4461–63
USAPRO technical research reports 4464–67
Army Transportation Research Command, technical report 5758
ARNG, *see* National Guard.
ARS, *see* Agricultural Research Service.

Entry

ARS series 4337–43
Art, works and reproductions, catalog of copyright entries 4790
Articles and speeches of H. Choybalsan, Mongolia 5249
ASD, *see* Aeronautical Systems Division.
Ashtabula, Ohio, redevelopment area, statistical profile 4655
Asia:
southeast, problems, fact sheet 5725
students from, West German assistance 5365
Aspect ratio, *see* Wings (aircraft).
Assistance, *see* Public assistance.
Associations, *see* subject with which association has to do.
ASTIA, *see* Armed Services Technical Information Agency.
Astronautics:
manned space flights, third U.S. orbital, results 5540
space flight analysis and celestial mechanics 5543
structures for space operations 5553
see also Bioastronautics.
Astronomical observatories, orbiting, orientation and control 5604
Astronomy:
research in space exporation, papers 5541
Soviet reports 5247
At close quarters, PT boats in United States Navy 5653
Atlantic Coast:
coast pilots, Eastport to Cape Cod, supp 4636
light lists—
Little River, S.C. to Rio Grand, Tex., and Antilles 4641
St. Croix River, Maine, to Little River, S.C. 4640
Atlantic Ocean, northwestern tunas in oceanic waters, distribution 4952
Atlantic States:
cost of transporting freight 5102
South, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
Atlas of monthly mean stratosphere charts, 1955–59, Pt. 2, July–December 4390
Atlas missile, *see* Missiles.
Atmosphere:
origin of atmospheric xenon 5607
turbulent moment, heat and matter transfer, relationships among coefficients 5188
see also Ionosphere.
Atmospheric electricity measurement results at Mauna Loa Observatory 5771
Atmospheric entry:
expansion tube for producing high-enthalpy gas flows 5614
tektites, lunar origin 5584
rotating planet, Z-function solutions for motion and heating during equatorial orbits 5583
Atmospheric pressure, decreased barometric pressure, effect on oxygen consumption 4411
Atomic energy:
civil engineering bibliography on design and construction of nuclear facilities 4485
civilian nuclear power program, Nation's future (remarks) 4499
development, and tasks of electrical and machine building industries, Yugoslav study 5193

Entry

Atomic energy—Continued
legislation through 87th Congress, 2d session 4664
literature, bibliographies issued or in progress 4487
propulsion for aircraft, 3 cycles 5511
propulsion for space and auxiliary power, hearings, index 4665
Atomic Energy Commission:
AEC research and development reports 4469–97
price list 4508
research reports available from OTS 4552
technical information bulletin 4498
Atomic Energy Joint Committee, hearings 4665
Atomic power, *see* Atomic energy.
Atomic power plants, *see* Nuclear reactor power plants.
Atomic weapons, *see* Weapons.
ATS manuals 4425–26
Attempts of pro-Castro forces to pervert American press 4784
Attorney General, *see* Justice Department.
Auditing, career opportunities with Army Audit Agency 4468
see also for audit reports, names of corporations, etc.
Aukland, Merrill F., plasma physics and magnetohydrodynamics, ASTIA report bibliography 4439
Auroras, fading correlation bandwidth and short-term frequency stability measurements on high-frequency transauroral path 5620
Australia:
import tariff system 5082
lights and fog signals, list, change 5652
Auterman, James L., fading correlation bandwidth and short-term frequency stability measurements on high-frequency transauroral path 5620
Automation:
bi-directional computer updating equipment (CUE) test and evaluation 5751
calculations and development of computer engineering USSR study 5240
driving systems for farm machinery, study by simulation, USSR study 5398
pneumatic-hydraulic, USSR seminar on automation 5347
production and deterioration of health of workers in capitalist countries, USSR study 5400
Automobiles:
exhausts, development of depleted-uranium catalysts for destruction of air pollutants 4490
industry, outlook for 1963 and review of 1962 4548
Avalanches, control in starting zone, guidelines for planning and design of permanent supporting structures 4990
Aviation, *see* Aeronautics.
Aviation fields, rigid and overlay pavement, engineering and design manual 4862
Aviation fuel, *see* Motor fuel.
Aviation Medical Service, civil aeromedical research, responsibilities, aims, and accomplishments 4505
Aviation medicine, *see* Medicine.

Entry

Aviators:
airplane pilot, examination announcement, discontinuance notice 4622
hearing of Air Force pilots, 1955–62 4417
stress responses of pilots 4413
Axial flow, *see* Flow.

B

Babcock, Clarence O., sulfur in 1962, preliminary 5503
Bacteria and bacteriology, *see* names and classes of bacteria.
Balance of payments, statistical supplement, 1870–1961 4559
Ballistic missiles, *see* Missiles.
Baltimore, Md.:
metropolitan area, hurricane survey, engineer report—
departmental edition 4836
document edition 4691
Banking and Currency Committee, House:
investigations and studies—
housing authorization, report 4737
matters within its jurisdiction, authorization, report 4738
Banks and banking:
active banks in District of Columbia, national and nonnational, abstract of reports 4657
nonmember banks that maintain clearing accounts with Federal reserve banks, etc., list 4927
role of deposit insurance 4658
see also Federal home loan banks—Federal reserve banks—*also* headings beginning Federal reserve.
Barium oxide heats and free energies of formation 5497
Barnes, Frank, Fort Sumter National Monument 5638
Barometric pressure, *see* Atmospheric pressure.
Baskey, R. H., fuel bearing fiberglas in aluminum-base fuel elements 4492
Bayroff, A. G., enlisted input, improving 4464
Beale, Calvin L., recent population trends in United States, etc 4803
Bearings (machinery):
aircraft engine, uneconomical procurement by Navy Department, GAO review 5009
boundary lubrication characteristics of bearing steel in liquid oxygen 5589
Bedding:
current industrial reports 4583
products and components recommendation of trade 4555
Beds, recommendation of trade 4555
Bedsprings, recommendation of trade 4555
Bedsteads, recommendation of trade 4555
Beech, bark disease 4981
Beef cattle, *see* Cattle.
Behavior, Army personnel, correlates of disciplinary record in wide-range sample 4463
Beheim, Milton A.:
divergent ejectors 5529
variable 2-dimensional inlet designed for engine-inlet matching 5521
Bell, David E., nomination hearing 4776
Beltsville energy-saving kitchen, design 3 4356
Berkowitz, Joseph, initial failures of precision instrument components 5659
Berlin, Germany:
in changing European setting, report 4774
West, preparing shipments to 5072
Berlin, N.Y., motor vehicle accident 5106

Entry

Bertram, Mitchel H., calculation of compressible average turbulent skin friction 5612
Beryl, spodumene concentrates containing 10 to 30 percent beryl, treating by fluosilicate process 5480
Beryl-spodumene concentrates, 10 to 30 percent beryl, treating by fluosilicate process 5480
Beryllium:
recovery from—
Spor Mountain ore by solvent extraction and caustic stripping 5499
Utah ore by fluosilicate process 5483
BES series 4832
Bibliography:
aerospace career and scholarship information 4824
Agricultural Economics, periodic reports 4372
ARA publications 4431
atomic energy literature 4487
civil engineering, design and construction of nuclear facilities 4485
display systems 4437
elementary school libraries 4814
explosive forming, ASTIA report bibliography 4438
food preservation by irradiation 4553
hospital planning and design 5693
literature, scientific and technical, Eastern Europe 5646
national defense language development program, research, etc. 4818
national security administration 4779
OTS selective bibliography SB series 4553–54
plasma physics and magnetohydrodynamics 4439
school lunches, 1952–61 5617
school supplies and equipment administration 4822
science and technology development 5097
teaching machines 4440
ultrasonic phenomena, etc 5473
ultrasonics 4554
United Nations, new materials useful in teaching 4813
Bicarbonate, *see* Carbonates.
Bicarbonate of soda, *see* Soda (baking).
Bills (congressional), *see* House bills—Senate bills.
Bindery workers, examination announcement 4616
Bioastronautics, fields, papers 5546
Biochemistry, Communist China 5150
Bioenvironmental features of Ogotoruk Creek area, Cape Thompson, Alaska 4494
Biological physics, USSR Academy of Sciences, reports 5134
Biological sciences, *see* Biology.
Biologists, fishery and wildlife, careers in Bureau of Sport Fisheries and Wildlife, brochure 4940
Biology:
college, study guide 4792
East European journals, abstracts 5173, 5207, 5243, 5277, 5309
Lobster, Maine population biological fluctuations check, use of environmental and economic factor 4944
pollination of non-emasculated flowers, biological characteristics of hybrids, USSR study 5176
sciences major principles for general education, evaluation, list 4825
see also Radiobiology.
Bionics, engineering art of nature, USSR study 5374
Biophysics, *see* Biological physics.

Entry

Birds:
Chautauqua National Wildlife Refuge 4960
Fish Springs National Wildlife Refuge 4962
Havasu Lake National Wildlife 4959
Moosehorn National Wildlife Refuge 4961
wild, free importation report 4742
Birmingham, Ala., income, education, and unemployment in neighborhoods 5453
Birth control, reproduction aspects, research survey 5627
Bissell, Harold J., Lake Bonneville, geology of southern Utah Valley, Utah 5019
Bits (tools):
drill bit, and rock stresses under static loads 5495
Black Hills, Calamity Peak, S. Dak., geology of area 5018
Bladder, *see* Urinary organs.
Blade, O. C., motor gasolines, summer 1962 5474
Blanch, G., tables relating to radial Mathieu functions 4397
Blast furnaces, top gas, gravimetric methods for analyzing 5494
Blasting, vibrations from instantaneous and millisecond-delayed quarry blasts 5479
Blind, statistics, model reporting area, conference proceedings 5626
Blindness, flash, and photostress, study 4422
Blood, renal hemodynamics, effect of increased venous pressure 4503
Blood pressure, cold pressor test, 20-year follow-up study 4421
Blood vessels, venous pressure increased, effect on renal hemodynamics 4503
Blowers, industry outlook for 1963 and review of 1962 4532
BLS report series 5436–37
Blue crabs, fishery in Chesapeake Bay 4945
Blue Ridge Parkway, Moses H. Cone Memorial Park, general information 5639
Board of Regents of Smithsonian Institution, *see* Smithsonian Institution.
Boats, *see* PT boats.
Bodies of revolution:
flows past blunt bodies at transonic speeds 5561
torques induced by magnetic field 5613
Body composition, techniques for measuring, conference proceedings 5645
Boiler shops, products industry, outlook for 1963 and review of 1962 4518
Boles, Sara J., pressure forming of aluminum oxide 5500
Boll weevils, *see* Weevils.
Bol'shaya meditsinskaya entsiklopediya, translations 5371
Bolt, R. O., radiation stability of organic fluids, etc 4493
Boltz, Frederick W., Z-function solutions for motion and heating during atmosphere entry from equatorial orbits of rotating planet 5583
Bombing airplanes, *see* Airplanes.
Bonds, sales for public school purposes, July 1, 1961–June 30, 1962 4807
Bonneville, Lake, geology of southern Utah Valley, Utah 5019

Entry

Books, publishing industry, outlook for 1963 and review of 1962 4538
Borchers, Raymond V. satellite orbit computation program, etc 5578
Boston, Mass.:
occupational wage survey—
departmental edition 5442
document edition 4698
Botulism, type B Cl. botulinum proteinase, isolation, etc., USSR study 5109
Boulger, F. W., metallurgical variables effect in ship-plate steels on transition temperatures in drop-weight, etc., tests 5715
Boundaries:
lubrication, characteristics of bearing steel in liquid oxygen 5589
visual, for immediate perception of vertical rate of descent 5591
Boundary layer:
characteristics on forward parts of 9 fuselages of various cross-sectional shapes at Mach number of 2.01 5533
fuselage, removal, evaluation of ram-scoop throat bleed in combination with ramp-type side inlet 5523
Bourbon whiskey, *see* Whiskey.
Bowditch, David N., turbojet engine in combination with external-internal-compression inlet to Mach 2.88 5562
Bowman, Raymond T., special report on unemployment statistics, meaning and measurement 4506
Boxes, fiber, industry, outlook for 1963 and review of 1962 4520
Boy Scouts of America, military equipment, etc., for 1964 national jamboree to be held at Valley Forge State Park, Pa., report 4733
Braderman, Eugene M., address, Jan. 14, 1963 5091
Branner, George C., secondary nonferrous metals industry in California, etc 5471
Brass mills, industry, outlook for 1963 and review of 1962 4535
Brazos River:
watershed improvement, engineer report—
departmental edition 4870
document edition 4692
Bread, importation, duty treatment, report 4739
Breakwaters, optimum length and location, Superior entry, Duluth-Superior Harbor, Superior, Wis., hydraulic model tests 4874
Breeding, *see* Cattle—Hybridization.
Bridges:
highway, standard plans for—
concrete superstructures 5701
continuous bridges 5704
structural steel superstructures 5702
timber bridges 5703
permits for work in navigable waters 4867
Briggs, George E., training for partial-panel control skills 5658
Brines, from oil productive formations, Mississippi and Alabama, analyses 5493
British Columbia, sailing directions 5648
British Guiana, Friends of, *see* Friends of British Guiana.
Brittle fracture, crystal, theory of initiation of cracks formed, USSR study 5419

Entry

Brooks, P. T., separation and recovery of cobalt and nickel by solvent extraction and electrorefining 5486
Brown, Emma E., abstracts of USAPRO research publications, 1962 4461
Brown, Gerald A., address, Feb. 1, 1963 5631
Brown, Harry E., canopy camera 4991
Brown, S. G., problems of utilizing ground water in west-side business district of Portland, Oreg 5038
Brozek, Josef, measuring body composition conference proceedings 5645
Brucellosis, eradication, recommended uniform methods and rules 4342
Bryce Canyon National Park, ground water resources 5027
Buckling, *see* Strains and stresses.
Buffeting loads, see Load (mechanics).
Buildings:
heating, performance of Losch anthracite stoker 5477
load assumptions, engineering and design manual 4864
Bulgaria:
East European legal journals, abstracts 5342
physicians, Institute for Specialization and Advanced Study 5147
poisons, production, sale, storage, etc., regulations 5286
provincial press, summary 5156
public health services and organization, planned development 5209
veterinary service, reorganization 5192
Bulgur, *see* Wheat.
Bulkley, Robert J., jr., at close quarters, PT boats in United States Navy 5653
Bulletins, *see* Farmers' bulletins—*also* names of departments, etc., issuing bulletins.
Burack, W. R., number of catecholamine storage granules in adrenal medulla 4414
Burbank, Paige B., heat-transfer and pressure measurements on flat-face cylinder, etc 5554
Burial, veterans, pay expenses when discharge changed from dishonorable, report 4731
Burma, import tariff system 5077
Burners, *see* Oil burners.
Burns and scalds, thermal and electric burns, USSR study 5166
Burns Creek Dam and Reservoir:
engineer report—
departmental edition 4837
document edition 4763
Business:
business report of Department of Commerce 4509–10
census, 1958 final publications and contents 4573
doing business in—
Greece, report of 1962 U.S. Trade and Investment Development Mission 5057
Japan, report of 1962 U.S. Machinery Trade Mission 5058
Spain, report of 1962 U.S. Machinery Trade Mission 5059
establishing in—
Ethiopia 5081
Lebanon 5080
international, balance of payments of U.S., 1870–1961, statistical supplement 4559
overseas business reports 5061–90
publications, price list 5682

Entry

Business—Continued
small business—
Federal tax dates for small plants 5716
management aids for small manufacturers 5716
small marketers aids 5718
wage hour law in small firms 5718
see also Retail trade.
Business and Defense Services Administration, ER series 4514–51
Business men:
doing business in—
Greece, report of 1962 U.S. Trade and Investment Development Mission 5057
Japan, report of 1962 U.S. Machinery Trade Mission 5058
Spain, report of 1962 U.S. Machinery Trade Mission 5059
industry and opportunity in Italy, report of 1962 U.S. Industrial Automation Mission 5060

C

C.F.S. series 4935–39
C.R.R.E.L., *see* Cold Regions Research and Engineering Laboratory.
Calamity Peak, geology of area 5018
Calaveras River:
Mormon Slouth, flood control, engineer report—
departmental edition 4866
document edition 4686
Calcasieu River and Pass:
salt water barrier system, construct, engineer report—
departmental edition 4838
document edition 4688
Calcium, solid solubility in magnesium, effect of indium 5496
Calhoun, Willis A., flotation of siegenite in complex sulfide table middling from southeast Missouri 5475
California, secondary nonferrous metals industry 5471
Cameras, canopy camera, description, operation, etc 4991
Cameron, A.G.W., origin of atmospheric xenon 5607
Cameron, Donald B., post-discrimination gradients around stimuli with differential rates of occurrence in discrete response task 4396
Cameroon, *see* Cameroun.
Cameroun, investment law 5074
Camp, F. W., determination of diffusivity and solubility in 2 phase systems 4481
Canada:
import tariff system 5087
radio frequencies above 30 megacycles per second, agreement 5729
Canal Zone, Panama Canal, code of Federal regulations 4920
Cancer, lung, morbidity in relation to air pollution, USSR study 5396
Canned foods, fruit and vegetable canning industry, outlook for 1963 and review of 1962 4514
see also names or classes of foods canned.
Canopies (aircraft):
force and pressure measurements on canopy-fuselage configurations 5531
Canopy camera 4991
Cans, metal, industry, outlook for 1963 and review of 1962 4541
Cape Spencer to Arctic Ocean, coast pilot, supplement 4637
Capital of United States, airports, FAA regulations 4883

Entry

Capitalism, countries, automation of production and deterioration of health of workers, USSR study 5400
Carbon:
electrode-fuel cell properties, experimental 4393
high-energy neutron-induced changes 4477
Carbonates, bicarbonate excretion during hypothermia 4415
Career guidance, *see* Guidance.
Careers, *see* Occupations.
Cargo carriers:
transporter, Rolligon Mark 4—
desert evaluation 5755, 5757
subarctic evaluation 5754, 5756
Carriers, *see* Cargo carriers—Motor carriers.
Cartons, folding, industry, outlook for 1963 and review of 1962 4516
Cascade, small air-cooled turbine rotor blades, temperatures and coolant pressure losses 5528
Caseworkers, *see* Social workers.
Castings, ferrous, industry, outlook for 1963 and review of 1962 4528
Castro, Fidel, pro-Castro forces, attempts to pervert American press, testimony of Carlos Todd, hearing 4784
Cataloging, cataloging handbook, H series 4794
Catalogs:
copyright entries 4790
shelter components 4607
stores stock catalog, special information on availability of items 4932
Catalysts, uranium depleted, development for destruction of air pollutants in automobile exhaust 4490
Catecholamines, number of storage granules in adrenal medulla 4414
Cattermole, J. M., geologic effects of high-explosive tests, Nevada test site 5021
Cattle:
beef, feeding pelleted rations 4375
dairy, DHIA sire summary list, 1962, Holstein sires 4340
use of natural openings in Arizona pine forest 4986
Cattoir, Francis R., fused-salt electrolysis of tungsten 5481
Cavitation, detection and location tests 4480
Cedar, juniper-pinyon stands, aerial volume tables 4983
Celestial mechanics, *see* Three-problem body.
Cement, chemistry, symposium, proceedings 5619
Census:
agriculture, 1959, statistics by subjects, bound volume 4592
housing, 1960, components of inventory change 4593–94
population, 1960, supplementary reports 4575–76
see also subjects.
Central States:
cost of transporting freight 5102
East North, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
East South, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4569

677108 O—63—No. 818——8

Entry

Central States—Continued
West North, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
West South, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4570
Central States Forest Experiment Station, technical paper 4979
Ceponis, Michael J., some effects of packaging and merchandising on quality of McIntosh apples in New York City 4334
Cerium isotopes, radiocerium solutions, physico-chemical state and metabolic path, research study 4470
Cesium, adsorption on clay minerals 5017
Cesium chloride, thermodynamic properties 5484
Cesium iodide, thermodynamic properties 5484
Chapman, Dean R., lunar origin of tektites 5584
Chautauqua National Wildlife Refuge, birds 4960
Checklists, *see* subjects.
Chemical analysis, occurrence and distribution of strontium in natural water 5029
Chemical and physical beneficiation of Florida phosphate slimes 5490
Chemical industries, *see* Chemicals.
Chemical reactions:
titanium and titanium subchlorides, reaction rate in molten sodium chloride 5489
uranium recovery, metallic reactions 4484
Chemical rocket propulsion, papers 5547
Chemicals:
chemicals and allied products industries, outlook for 1963 and review of 1962 4521
compounds approved for use under poultry and poultry products inspection and grading programs, list 4333
USSR industrial development, translations 5198, 5262
chemical machine building 5155
Chemistry:
cement, symposium, proceedings 5619
East European journals, abstracts 5175, 5276, 5308, 5383
gravimetric method for analyzing blast furnace top gas 5494
major principles for general education, evaluation list 4826
physico-chemical state and metabolic path of radiocerium solutions, research study 4470
strontium in natural water (series) 5029
USSR—
Department of Chemical Sciences, meeting 5162
translations 5195
see also Inorganic chemistry.
Chesapeake Bay, blue crab fishery, types of fishing gear, etc 4945
Chicago, Ill., income, education, and unemployment in neighborhoods 5454
Child care, *see* Children.
Child health, *see* Children.
Child placing, training of child welfare workers for placement responsibilities 4601

Entry

Children:
child care, expenses, income tax deductions in case of woman deserted by husband, report 4744
creative life 4597
education in federally affected areas, annual report 1962 4806
food for family with young children 4353
maternal and child health services, 1960, statistics 4599
nutrition, use of hydrolysin L-103, USSR study 5220
see also Child placing.
Children and Youth, Joint Conference on, *see* Joint Conference on Children and Youth.
Children's Bureau:
headliner series 4597
statistical series 4599–4600
China:
Communist—
activities of prominent personalities 5291, 5395
agriculture, animal husbandry, and materials, translations 5376
biochemistry developments 5150
digest 5112
dispute with USSR 4435
economic aid and exchange rate 5405
inquiry into calculating quantity of value under socialism 5302
labor, transformation of complex into simple 5177
political and sociological information 5127, 5182, 5222, 5232, 5321, 5327, 5338, 5363, 5414
science and technology, translations 5169
Sino-Indian conflict region, K'o Chieh-Lang River area 5146
trade, finance, transportation and communications, translations 5375
Republic, agricultural commodities, agreement 5732
Ching River, Ching Chiang flood dispersion, Communist China 5316
Chiricahua National Monument, general information 5634
Chlorides, *see* Chlorides by name, e.g., Cesium chloride.
Choybalsan, H., articles and speeches, Mongolian, translations 5249
Christianity, sacred scriptures, Soviet critique 5424
Chromium carbide, alloys, properties, application, etc., USSR study 5167
Cigarettes, industry, outlook for 1963 and review of 1962 4543
Cipher and telegraph codes, idealized and practical pandemonium, USSR study 5312
Circuits, *see* Electric circuits—Electronic circuits.
Circular EC series 4839
Circulars, *see* names of departments, etc., issuing circulars.
Cities and towns:
data book, errata sheet 4577, 4673
Estonian SSR, industry 5332
helping people to help themselves, overall economic development program 4352
summary of special censuses, population of areas annexed 4590–91
survey of consumer expenditures, 1960–61 (series) 5437
water facilities, communities of 25,000 population and over, statistical summary, 1960 5697
water supply and sewage disposal, intergovernmental responsibilities in metropolitan areas 4327

Entry

Civil Aeromedical Research Institute, reports 4502–5
Civil Aeronautics Board, reports, economic and safety enforcement cases 4603
Civil Defense Office:
instructor's guide IG series 4606
Civil engineering, bibliography on design and construction of nuclear facilities 4485
Civil procedure, District Courts, rules, amendments adopted by Supreme Court 4717
Civil rights:
America is for everybody 4831
freedom to the free, 1863 century of emancipation 1963 4609
Civil service:
examination announcements—
agricultural commodity grader (meat) 4615
airplane pilot, discontinuance notice 4622
architect 4631
discontinuance notice 4621
aviation safety officer, discontinuance notice notice 4622
bindery worker 4616
current 4619–20
dietitian, amendment 4611
education specialist, supervisory education specialist, education officer, amdt 4614
recreation specialist, amdt 4613
resident in hospital administration, amdt 4610
scientist administrators and grants associates, salary rates, amendment 4626
surveying aid and technician, amdt 4612
examinations—
instructions to applicants, postmasters, 4th class 4624
sample questions and directions 4630
investigation, authorization, report 4769
job opportunities, way to job in Government 4629
Civil Service Commission:
interagency training programs 4625
pamphlets 4627–29
report, 1962—
departmental edition 4617
document edition 4709
Civil service pensions, retirement act, amended 4618
Civil works, *see* Public works.
Civilian defense:
emergency health care, family guide 4605
nuclear and coal-fired power plants compared as to nuclear defense capabilities 4476
rural fire defense preparation for survival 4370
Civilians:
civilian personnel pamphlets 4443–50
experienced labor force, occupations, census of population, 1960, supplementary reports 4575
Clague, Ewan, address, Jan. 19, 1963 5461
Clams, soft-shelled, effects of sub-sterilization doses of radiation on storage life extension, final summary 4486
Clark, Dale A., extraction apparatus for determintaion of total serum lipids 4420
Classification:
Army enlisted personnel, new techniques, status, June 30, 1962 4465

Entry

Classification—Continued
see also names of substances, objects, etc., classified—*also* subjects.
Classification tests, *see* Aptitude tests.
Clay:
minerals, adsorption of cesium 5017
refractory, Haldeman and Wrigley quadrangles, Ky 5016
Cleaning compounds, synthetic detergent industries, outlook for 1963 and review of 1962 4542
Clerks, *see* Disbursing clerks.
Cleveland, Ohio:
occupational wage survey—
departmental edition 5441
document edition 4697
Clinical medicine (USSR peirodical):
translations 5348
Coal:
Haldeman and Wrigley quadrangles, Ky., resources 5016
reserves, Eastern Kentucky 5014
Coast and Geodetic Survey:
function as central depository for geomagnetic data, etc., hearings 4756
magnetograms MHV series 4633–34
special publications 4635
Coast Guard:
career for licensed officers of merchant marine 4638
enlisted personnel, retirement provisions, unusual aspects, GAO review 5005
equipment lists 4639
organization manual 4643
origin, responsibilities, relationships, and direction 4644
Coast pilots, United States coast pilot, supplements 4636–4637
Coastal warnings facilities chart, Morgan City, La. to Apalachicola, Fla 5770
Coating materials, frictional characteristics at elevated temperatures 4496
Cobalt, separation and recovery by solvent extraction and electrorefining 5486
Code of Federal regulations 4904–25
see also for titles, chapters, etc., of the code printed separately, subject involved.
Codes, *see* headings beginning Codes.
Cold pressor test, 20-year follow up study of 123 subjects 4421
Cold Regions Research and Engineering Laboratory:
research reports 4840–42
technical reports 4843–44
Collective bargaining:
fishermen's and fish shore workers' union, voice in ex-vessel sale of fish, hearings 4773
future strengthening of economy and government assistance (address) 5427
major union contracts, United States, 1961 5449
manpower utilization, job security problems and role of government (address) 5426
Colleges and universities:
biology, study guide 4792
higher education—
aids for Indian young people 5045
sabbatical leave, origin, etc 4821
libraries, analytical statistics, 1959–60 4816
NASA and universities on science and technology of space explorations (addresses) 5535

Entry

Colleges and universities—Continued
students enrolled for advanced degrees, fall 1961, summary report on survey 4827
Collins, George J., school shelter guide 4608
Colorado:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
west central, pulp-and papermaking opportunities 4992
Colorado-Big Thompson projects, story 5709
Columbia River:
and tributaries, engineer report—
departmental edition 4845
document edition 4672
Combines (harvesters-threshers), *see* Harvesting machinery.
Combustion, rockets, 200-pound-thrust JP-4-nitric acid, low-temperature chemical starting using 3-fluid propellant value 5517
Combustors, ram-jet, can-type flame holder, altitude investigation 5512
Comella, Lawrence J., industrial development law of Ecuador 5064
Commerce:
Communist China, translations 5375
foreign trade—
East European, translations 5131, 5133, 5229, 5293, 5330, 5337, 5410
Federal Republic of Germany, 1960–61 5085
opportunities for U.S. business in world markets (remarks) 4654
U.S., 1962 5090
publications, price list 5682
trade expansion act of 1962—
implementing (address) 4650
summary 5724
trade expansion challenge and Pensacola, Fla. (address) 5091
United States trade with major world areas, Jan.–Sept. 1962 5089
waterborne—
calendar year 1961 4873
national summaries 4873
see also names of countries and places *also* names or classes of article of commerce.
Commerce Committee, Senate, hearings 4773
Commercial fisheries, *see* Fish and fisheries.
Commercial Fisheries Bureau, program, conservation has gone to sea 4951
Commercial policy series 5724
Commercial production of tomatoes 4349
Commercial products:
boiler shop products industry, outlook for 1963 and review of 1962 4518
growing market for U.S. products in India 5088
USSR consumer goods and domestic trade, translations 5258
Commercial standards, *see* Standards and standardization.
Commercial treaties:
trade agreements programs, operations, report 4718
trade expansion act of 1962, softwood lumber, Tariff Commission report 5752
Commodities, *see* Agricultural products—Exports—Imports.
Commodity Credit Corporation:
report, 1962 4656
warehousing operations under 1959 and 1960 cotton purchase programs, GAO review 5010

Entry

Communications:
Communist China, translations 5375
equipment manufacturing industry, outlook for 1963 and review of 1962 4539
Nimbus spacecraft system 5571
Project Relay, 1st space satellite experiment designed to link 3 continents 5536
supplement 5537
satellite act of 1962, activities, report 4722
satellites, FCC rules and regulations 4887
space communications, organization, networks, etc 5611
USSR, translations 5331
see also Telephone.
Communications Satellite Corporation, activities, memorandum 4722
Communism:
Communist parties in Near East 5425
international developments, translations 5139, 5181, 5187, 5245, 5250, 5257, 5282–83, 5292, 5320, 5341, 5356, 5409, 5418
international movement and peaceful coexistence, French Communist evaluation 5283
management challenge of the sixties (address) 4399
Marxist political economy and bourgeois political economy, Communist Chinese study 5213
pro-Castro forces, attempts to pervert American press, testimony of Carlos Todd, hearing 4784
USSR, scientific and technical research and achievements, public inspection of plan fulfillment 5281
Communist China, *see* China.
Communist Party of Japan, National Activist Conference, Secretary-General Miyamoto's concluding remarks 5152
Communist Party of Soviet Union:
speeches delivered at central committee plenum 5267
program and education of younger generation, USSR study 5119
Communist Party of United States, assistance to foreign Communist governments, hearings 4759
Community development programs:
manual for leaders in community feeding programs 5093
SBA loans to help your community, prescription for progress 5717
Community effort in boll weevil control 4338
Compensation, *see* Pensions.
Compressed air, corroded units performance of pneumatic systems, investigation, USSR study 5145
Compressors:
axial flow, hub-tip radius ratio rotor designed for 40 pounds per second per square foot with design tip diffusion factor of 0.20, investigation 5559
industry outlook for 1963 and review of 1962 4532
Compton, Dale L., free flight measurements of drag and static stability for blunt-nosed 10° half-angle cone at Mach no. 15 5566
Comptroller General, *see* General Accounting Office.
Computers, *see* Electronic computers.
Concrete, mattresses, aluminum-coated wires as reinforcement 4875

Entry

Cones:
blunt-nosed 10° half-angle, free-flight measurements of drag and static stability at Mach no. 15 ... 5566
short blunt 10° semivertex angle, static aerodynamic characteristics ... 5600
torques induced by magnetic fields ... 5613
Conferences, congresses, etc.:
international organization and conference series ... 5727
Soviet veterinarians ... 5392
see also names of conferences, etc.—*also* subject of conferences.
Confidential material, safeguarding, industrial security manual ... 4796
Congo (Brazzaville):
investment law ... 5062
Congo (Leopoldville):
agricultural commodities, agreement ... 5734
continuing problem ... 4434
Congress of United States, directory, pocket edition, 88th Congress ... 4659
Congressional serial set ... 4660–63
Conneaut, Ohio, redevelopment area, statistical profile ... 4655
Conservation has gone to sea ... 4951
Conservation notes ... 4949
Constitution of United States:
amendments, prayers in school, permitting, hearings ... 4787
rights of American Indians, hearings ... 4785
Constitutional rights, *see* Constitution of United States.
Constitutions, State, restrictions upon structural, etc., powers of local government ... 4329
Construction industry, National labor relations act, administration, problems (address) ... 5630
Consumer goods, *see* Commercial products.
Consumers, Wichita, Kans., acceptance of Redi wheat, new canned cooked bulgur ... 4359
Containers:
articles imported in containers, marking requirements, report ... 4750
glass, industry, outlook for 1963 and review of 1962 ... 4522
Contested election, Odegard vs Olson, notice of dismissal, etc ... 4725
Continuity of your State and local government ... 4829
Contract Appeals, Corps of Engineers, Board of, *see* Engineers Corps Board of Contract Appeals.
Contracts, *see* Collective bargaining.
Control (vehicle), *see* Airplanes—Satellites—Spacecraft.
Control systems:
automatic driving systems for farm machinery, study by simulation ... 5398
transistorized, for information storage device using piezoelectric substances, USSR study ... 5211
Conventions and treaties, *see* subject.
Converters, magnetic core voltage-to-frequency converter ... 5606
Coolants:
reactor, wet steam under fog flow conditions, investigation ... 4497
use of combined compressor injection and afterburning in turbojet engine for thrust augmentation ... 5513
Cooling:
afterburner-wall temperatures, effect of pressure level ... 5527

Entry

Cooling—Continued
small air-cooled turbine rotor blades, temperatures and coolant pressure losses ... 5528
Cooper, Marcus F., remarks, Dec. 19, 1962 ... 4408
Cooperatives, *see* Farmers' cooperative associations.
Coordinates, State plane coordinate projection tables ... 4635
Copper mills, industry, outlook for 1963 and review of 1962 ... 4535
Copyright:
catalog of copyright entries ... 4790
code of Federal regulations ... 4922
Cores (magnetic):
voltage-to-frequency converter ... 5606
Cork, stoppers, temporary suspension of duty, report ... 4743
Corkboard, insulation, temporary suspension of duty, report ... 4743
Corporations, doing foreign banking or financing that maintain reserves accounts with Federal reserve banks, 1962, list ... 4927
Corregidor-Bataan Memorial Commission, activities, report, 1962 ... 4715
Correlation (statistics):
use to improve estimates of mean and variance of streamflow ... 5023
Correlation method for recognizing patterns, USSR ... 5274
Corrosion and anticorrosives:
hydraulic and pneumatic systems corroded units performance, USSR study ... 5145
welded joints of 1Kh18N9T steel, influence of heat treatment on corrosion resistance, USSR study ... 5241
Corte, Arturo E., vertical migration of particles in front of moving freezing plane ... 4842
Cosmetics:
F.D.C. regs ... 4975
food, drug, and cosmetic act, text ... 4976
industry, outlook for 1963 and review of 1962 ... 4519
Cost, *see* names of commodities, e.g. Swine.
Cost and standard of living, conditions in Libya ... 5063
Cots, *see* Beds.
Cotton:
man-made fiber staple, and linters, summary, 1961–62, current industrial reports ... 4581
Mississippi Delta variety, cotton ginning practices, effects on market quality, 1958–59 ... 4360
pooled allotments of Billie Sol Estes, Agriculture Dept. handling, hearings, errata ... 4780
program, modification, message from the President ... 4721
purchase programs, 1959 and 1960, Commodity Credit Corporation, warehousing operations, GAO review ... 5010
Cotton gins and ginning, cotton ginning practices, effects on market quality of cotton ... 4360
Counseling, service for youth ... 4833
Counties:
data book, errata sheet ... 4577, 4673
Country life, rural fire defense, preparation for survival ... 4370
Courses of study, *see* Curriculum.
Court of Claims, judgments rendered, list ... 4764
Court of Military Appeals, ten-year chronology, 1951–61 ... 4799
Courts, *see* District Courts.

Entry

Courts martial and courts of inquiry:
manual, 1951, addendum 4791
military justice handbook, trial counsel and defense counsel 4452
Courts of United States, *see* District Courts.
Cows, dairy, milk production by months, 1961–62 5748
see also Dairy herd improvement associations.
Coypou, nutria in United States 4973
CPSU, *see* Communist Party of Soviet Union.
Crabs, *see* Blue crabs.
Crafts, Edward C., remarks, Feb. 2, 1963 5665
Craftsmen, *see* Labor.
Crashes, *see* Aircraft accidents.
Creativeness, creative life for your children 4597
Crested wheatgrass, *see* Wheatgrasses.
Crime and criminals:
Soviet developments in criminology 5324
material evidence, photographic and physical methods for investigating, USSR study 5164
Criminal procedures, Soviet developments in criminology 5324
Criminology, *see* Crime and criminals.
Critical materials, *see* Strategic materials.
Critiques, Christian, Jewish and Moselm scriptures, Soviet criticism 5424
Crocker, Laird, recovery of beryllium from Spor Mountain ore 5499
Crops:
and fallout from nuclear attack 4367
reports, contents and release dates, 1963 5746
see also names of crops.
Crosby, Robert L., indium effect on solid solubility of calcium and silicon in magnesium 5496
Crossbreeding, *see* Hybridization.
CRREL, *see* Cold Regions Research and Engineering Laboratory.
Crystal is small but powerful, USSR 5237
Crystals:
brittle fracture theory of initiation of cracks formed, USSR study 5419
structure research, USSR study 5402
semiconductor technology, USSR study 5237
structure, USSR studies 5254
Cuba:
pro-Castro forces, attempts to pervert American press, testimony of Carlos Todd, hearings 4784
translations 5251, 5289, 5315, 5361
Cubans, refugee problems, hearings 4786
Cubbage, James M., jr., effect of multiple-jet exits on base pressures of wing-body combination, etc. 5555
Cunningham, Fred G., power input to small flat plate from diffusely radiating sphere with application to earth satellites 5580
Current fishery statistics, C.F.S. series 4935–49
Current industrial reports 4578–84
Currents, *see* Electric currents.
Curriculum, short-term training courses under professional nurse traineeship program of PHS 5695
Custer County, S. Dak., geology of Calamity Peak area 5018
Customs, *see* Tariff.
Cybernetics:
and planning, USSR study 5344
German Democratic Republic, significance for science, technology and industry 5343

Entry

Cybernetics—Continued
methods, using in law, USSR study 5148
recognition of patterns by correlation method, USSR study 5274
USSR study 5239
Cylinders:
heat transfer and pressure measurements on flat-face cylinder at Mach number range of 2.49 to 4.44 5554
pressurized, correlation of buckling strength in compression or bending with structural parameters, errata 5567
torques induced by magnetic field 5613
Cyprus, laws, translations 5143
Czechoslovakia:
Dutch visitors impression 5140
provincial press, summaries 5120, 5178, 5272

D

D.H.I.A., *see* Dairy herd improvement associations.
Dairy herd improvement associations, sire summary list, 1962, Holstein sires 4340
Dairy products, new programs, to achieve balance between production and demand, message from the President 4721
Dairying, publications, price list 5681
Dams, permits for work in navigable waters 4867
Dannenberg, R. O.:
beryl-spodumene concentrates containing 10 to 30 percent beryl, treating by fluosilicate process 5480
recovery of beryllium from Utah ore by fluosilicate process 5483
Dansby, William L., occupational wage survey, Richmond, Va. 5446
Darkfield microscopy for detection and identification of Treponema pallidum 5683
Darling, Richard L.:
elementary school libraries, selected bibliography 4814
school library supervision in State and local school systems 4823
Data acquisition from spacecraft 5544
Davenport, Paul B., orientation, etc., of orbiting astronomical observatory 5604
Davenport, Iowa:
occupational wage survey—
departmental edition 5445
document edition 4701
Davis, Don D., buffet tests of attack-airplane model 5534
Davis-Bacon act, *see* Government contracts.
Davis Dam, general information 5705
Davis Dam powerplant, general information 5705
Davison, Richard A., ventilation of middle ear 4409
Day, J. Edward, address, Feb. 25, 1963 5670
Deadband, about desired perigee, effect on guidance of space vehicle approaching earth 5597
Deaf, service-connected disability of deafness in both ears, additional compensation to veterans, report 4730
Dealers, turkeys, national improvement plan, participants 4339
Decisions, *see* names of courts, etc., rendering decisions—*also* subjects.
Deer:
browse plants of southern forests 4980

Entry

Deer—Continued
use of Arizona pine forest, effect of logging 4987
use of natural openings in Arizona pine forest 4986
Deering, Elmer C., bond sales for public school purposes, 1961–62 4807
Defense, *see* Civilian defense—National defense.
Defense Department:
cataloging handbook H series 4794
military handbook 4797
programming system 4798
Defense Production Joint Committee, report 4766
Degrees (colleges, universities, etc.): advanced, fall 1961, survey of students enrolled, summary 4827
Dehydrofrozen apple slices, their potential in selected markets 4361
Delaware, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
Delaware River:
and tributaries, engineer report—
departmental edition 4846–52
document edition 4674–80
Democracy, and legislative matters (address) 4890
Demography, Moroccan Provinces, data 5299
Denison, Barbara, library statistics of colleges and universities, 1959–60, analytic report 4816
Dentistry, prepayment, experiment, Naismith dental plan 5684
Department stores, *see* Stores.
Deposit insurance, role in bank regulation (remarks) 4658
Depth perception, *see* Perception.
Desert Game Range, mammals 4967
Deserts, transporter, Rolligon Mark 4 desert evaluation 5755, 5757
Designs (architectural), *see* Architecture.
Detection and location of cavitation 4480
Detergents, *see* Cleaning compounds.
Determination of diffusivity and solubility in 2 phase systems 4481
Detroit, Mich., census of housing, 1960, standard metropolitan statistical area, components of inventory change 4593
Development, *see* Underdeveloped areas.
DeWolfe, Mildred R., for-hire motor carriers hauling exempt agricultural commodities, nature and extent of operations 4362
DHIA, *see* Dairy herd improvement associations.
Diet, *see* Food.
Dietaries, *see* Food.
Dietitians, examination announcement, amdt 4611
Differential sulfatizing process for recovery of ferrograde manganese 5487
Diffusers, performance of variable 2-dimensional inlet designed for engine-inlet matching 5521
Diffusion, diffusivity determination in 2 phase systems 4481
Digests, *see* Index-digests—*also* names of departments, etc., issuing digests—*also* subjects.
Dillon, Douglas, remarks, Feb. 11, 1963 5760
Diorite, unweathered Virginia ores, flotation of ilmenite 5498

Entry

Directories:
Agricultural Marketing Service, marketing research 4335
Congress of United States, pocket edition, 88th Congress 4659
Federal career, college students 4623
international mail 5671
national wildlife refuges 4974
nonpublic secondary schools, 1960–61 4820
Disability insurance, *see* Old-age, survivors, and disability insurance.
Disabled:
disability days due to injury, U.S. statistics, July 1959–June 1961 5687
persons injured in home and associated disability, U.S. statistics, July 1959–June 1961 5686
see also Pensions.—Rehabilitation of the disabled.
Disarmament:
nuclear weapons test ban negotiations, renewed at Geneva conference, hearings 4777
risk and security (address) 4441
Disbursing clerks, Navy training course 5654
Discipline, *see* Military discipline.
Discrimination, *see* Race problems.
Discrimination in employment, Army Department National Conference on Equal Employment Opportunity, proceedings 4460
Discrimination reaction, post-discrimination gradients around stimuli with differential rates of occurrence in discrete response task 4396
Disease of animals, *see* names of diseases or animals affected.
Diseases of fish, freshwater fish diseases, caused by Aeromonas and Pseudomonas 4956
Diseases of plants, *see* names of diseases or plants affected.
Disher, John H., pentaborane fuel in ram-jet engine 5518
Dislocations, equations of motion, USSR study 5351
Display systems, bibliography 4437
Distortion, patterns, recognition by correlation method, USSR study 5274
District Courts, civil procedure rules, amendments adopted by Supreme Court 4717
District of Columbia:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
appropriations, 1963, supplemental proposals 4726
banks, abstract of reports 4657
earnings in selected industries, 1962 5452
occupational wage survey—
departmental edition 5443
document edition 4699
Washington metropolitan area, inauguration of ABCD mail service (address) 5670
Doctors, *see* Physicians.
Documents, *see* Government publications.—*also* subject of documents.
Dogwood, flowering, growing, general information 4354
Doklady Akademii Nauk, articles from reports of Academy of Sciences, USSR 5134

Entry

Dominican Republic, weather stations, cooperative meteorological program, agreement 5730
Douglas County, Oreg., geology of Anlauf and Drain quadrangles 5015
Douglas fir, *see* Fir.
Douslin, D. R., inclined-piston deadweight pressure gage 5478
Dow, Robert L.
lobster, Maine population biological fluctuations check, etc 4944
method of predicting fluctuations in sea scallop populations of Maine 4946
Drag (aircraft):
blunt-nosed 10° half-angle cone at Mach no. 15, free flight measurements 5566
Drain quadrangle, Oreg., geology 5015
Drawings, scientific and technical, copyrighted 4790
Drilling, *see* Rock drilling.
Drills (tools):
pneumatic rock drills, noise measurement and significance 5491
Driver, Cornelius, static stability and control characteristics of airplane model with tail surfaces outboard of wing tips, etc 5557
Driving systems, *see* Control systems.
Droughts, effect on Pecos River depletion in New Mexico 5037
Drugs:
F.D.C. regs 4975
food, drug, and cosmetic act, text 4976
interagency coordination in research and regulation hearings 4781
Duckart, A. C., in-core instrumentation, telemetering 4478
Dugan, James F., jr., rotating-stall limits in supersonic turbofan engine 5525
Dulles International Airport, general information 4881
Duluth, Minn., Duluth-Superior Harbor wave action and breakwater location, hydraulic model tests 4874
Duncan-Peters, Stephen, living conditions in Libya 5063
Dunes, coastal, near Florence, Oreg., ground water supply in area 5031
Dutch visitor's impression of Czechoslavakia 5140
Duties, *see* names or classes of articles imported.
Duvall, Wilbur I., vibrations from instantaneous and millisecond-delayed quarry blasts 5479
Dynamics, gas, in space exploration 5551

E

E. Brooke Matlack, Inc., motor vehicle accident 5106
E.S.D., *see* Electronic Systems Division.
Ear, ventilation of normal and blocked middle ear 4409
Earnings, *see* Wages.
Earth, radiation, power input to small spinning flat plate, application to satellite 5580
Earth sciences, *see* Science.
Earthquakes, Coast and Geodetic Survey as central depository of data, hearings 4756
East (Far East):
Far Eastern series 5725
East (Middle East):
translations 5266, 5368, 5415
East (Near East):
Communist parties 5425

Entry

East (U.S.):
cost of transporting freight 5101
East Europe, *see* Europe.
East Fork Watershed:
Trinity River, engineer report—
departmental edition 4854
document edition 4681
East Germany, *see* Germany.
East North Central States, *see* Central States.
East South Central States, *see* Central States.
Eaton, Esther M., evaluation and testing in teaching modern foreign languages 4815
Eavesdropping, legislation, Attorney General's program, 1962, hearings 4788
Ecology, characteristics of bottom communities of invertebrates of Sea of Okhotsk, USSR study 5403
Economic assistance, *see* Foreign aid.
Economic conditions:
economic reports 4514–51
United States economy in 1963 (address) 5461
see also names of countries, States, etc.
Economic development, *see* Economic policy.
Economic evaluation of hide curing methods 4804
Economic Joint Committee:
committee print 4666
publications, Jan. 1947–Aug. 1962, supplement 4667
Economic policy:
and programs in Middle America, report 4666
cybernetics and planinng, USSR study 5344
President's tax and expenditures control program (remarks) 5759
States, model economic development program (remarks) 4432
technology's role in economic growth and development (remarks) 4647
USSR system, translations 5161, 5217, 5260, 5271, 5295, 5317, 5359
Economic Research Service:
agricultural economic reports 4801–3
periodic reports, list 4372
Economics:
health series 5685
Marxist political economy and bourgeois political economy, Communist Chinese study 5213
United States economic system (address, French language) 5429
USSR system, structure and policy, translations 5161, 5217, 5260, 5271, 5295, 5317, 5359
vulgar factors, criticism of Marx and its realistic significance, Communist China 5273
see also Production.
Economists, Chinese, differ over Engels statement that value is relation of production expense to utility 5369
Ecuador, industrial development law 5064
Edlyn Dzasglyn asundlund (periodical):
translations on Mongolia 5318
Education:
attainment, population characteristics 4586
children in federally affected areas, annual report 1962 4806
Communist, of younger generation and CPSU program, USSR study 5119
educational aid posters 4950–51
educational manuals 4792–93

Entry

Education—Continued
national defense education act—
amend, message from the President 4720
language development program, research and studies, 1962 4819
neighborhoods 5453–57
programs needed to meet Nation's needs (remarks) 4646
role in rated effectiveness of Air Force officers in scientific and engineering assignments 4404
Soviet, scientific and medical, developments, 1962 5399
specialist, supervisory specialist and officer, examination announcement 4614
strengthen and improve quality, message from the President 4720
supervision for quality education in science 4828
see also Military education—Schools—*also* subjects taught.
Education and Labor Committee, House, hearings 4753
Education Office:
annual report 1962, on administration of laws granting Federal aid to schools 4806
bulletin 1962 (series) 4808
circulars 4809–12
miscellaneous series 4817
Educational aid posters 4950–51
Educational leave, *see* Leave of absence.
Educational Materials Laboratory, report 4813
Eells, Walter C., sabbatical leave in American higher education, origin, etc 4821
Efficiency ratings, performance appraisal, supervisor development program, basic course 4446
Eisenman, Harry J., history of mathematical statistical research at Aeronautical Research Laboratories 4400
Ejectors:
divergent, off-design performance 5529
exhaust nozzles, thrust and pumping characteristics 5516
gas, divergent-shroud aircraft ejectors, performance 5519
variable-geometry, for hot and cold primary flow, pumping characteristics 5514
Elastic strain, *see* Strains and stresses.
Elastomers, materials, use in areospace systems, design data handbook 4391
Electric apparatus and appliances, USSR industrial development, translations 5179
Electric batteries, fuel cell, carbon electrode properties, experimental 4393
Electric circuits, block circuits and theory of sequences, Soviet reports 5378
Electric currents, application during zone refining 4424
Electric generators:
generator industry, outlook for 1963 and review of 1962 4517
marine self-exciting synchronous generators, USSR study 5144
Electric motors, industry, outlook for 1963 and review of 1962 4517
Electric power, *see* Electricity.
Electric power plants, USSR, Vakhsh River, hydroelectric projects, USSR study 5333
Electric propulsion for spacecraft, papers 5550

Entry

Electric resistance, glacier ice near Thule, Greenland, electrical D-C resistivity measurements 4843
Electric shock, hazards, control 5432
Electric transformers, power, distribution and specialty industry, outlook for 1963 and review of 1962 4515
Electric utilities, statistics, 1960, classes A and B privately owned companies 4902
Electrical, *see* headings beginning Electric.
Electricity:
fuels and energy used by industry groups, annual survey of manufactures, 1961 4572
nuclear energy development, tasks of industry, Yugoslav study 5193
power for spacecraft 5549
rural, materials acceptable on systems of REA borrowers, supps 5713
TVA, municipal and cooperative distributors, report, 1962 5753
USSR electric power, translations 5263
USSR power, recent developments, U.S. delegation tour report 5048
see also Atmospheric electricity.
Electrodes, carbon fuel cell properties, experimental 4393
Electrolysis:
fused salt, of tungsten, experiments 5481
titanium electrorefining, electrolytic methods of preparing cell feed 5488
Electron microscopes, tariff treatment, report 4746
Electronic circuits, analysis, AF manual 4383
Electronic computers:
analog, calculation of resistance and error of steady flow through nonhomogeneous aquifers 5032
automation of calculations and development of computer engineering, USSR study 5240
bi-directional updating equipment (CUE), test and evaluation 5751
Electronic equipment, workmanship and design practices 5660
Electronic machine helps shop, USSR 5385
Electronics:
circuit analysis, AF manual 4383
East European journals, abstracts 5384, 5420
see also subjects in which electronics are used.
Electrorefining, *see* Smelting.
Electrostatic fields, impressed, effects on salt water/air interface 5050
Elementary education, school libraries, bibliography 4814
Elizabethton, Tenn., area, geology and ground water resources 5025
Elk, use of natural openings in Arizona pine forest 4986
Elliott, Lois L.:
hearing of Air Force pilots, 1955–62 4417
prediction of speech discrimination scores 4423
Ely, Nev., grazing district, hydrology of stock-water development 5026
EM series 4859–65
Emancipation Proclamation, America is for everybody, commemoration of 100th anniversary 4831
Emergency health care, family guide 4605

Entry

Emission, field-ion emission, applying to electrostatic rocket engines 5585
Emittance, hemispherical effects of sputtering with hydrogen ions on total hemispherical emittance of metallic surfaces 5598
Employee appraisal, *see* Efficiency ratings.
Employee benefit plans:
code of Federal regulations 4908
welfare and pension plans disclosure act amendments 1962, legislative history 5723
Employees, recognition, supervisor, development program, basic course 4447
Employees' Compensation Appeals Board, decisions, July 1, 1961–June 30, 1962 4830
Employers:
records kept under fair labor standard act—
general requirements 5767
miscellaneous exemptions, etc 5768
Employment:
benchmarks for BLS payroll employment statistics, 1959 5458
Federal—
jobs overseas 4627
summer, opportunities, etc 4628
way to job in Government 4629
Negro youth, preparation and motivation, Labor Department sponsored conference with college presidents and executives, Jan. 1963 5430
outlook, skilled workers 5459
services for special worker groups, supplement 4833
youth—
job guide for young workers 4835
list of publications 5434
programs, message from the President 4728
service for youth 4833
see also Discrimination in employment—Women.
Employment Security Bureau, BES series 4832
Employment Service, participation in labor market 4834
Encyclopedias, USSR, great medical, translations 5168, 5371
Energy resources, *see* Power resources.
Enforcement of law, *see* Law enforcement.
Engineering:
East European journals, abstracts 5384, 5420
engineering monograph 5706
mine-systems analysis, design and applications of some mathematical models 5485
ordnance design handbook, experimental statistics, standard techniques for analysis of enumerative and classificatory data 5664
psychology, central problems, USSR study 5408
standard instructions for Army facilities 4839
see also Civil engineering—Petroleum engineering.
Engineers Corps, Army:
circular EC series 4839
manuals 4859–65
Engineers Corps Board of Contract Appeals, digest of decisions 4853
Engines (aircraft):
airworthiness, civil air regulations amendment 4879

Entry

Engines (aircraft)—Continued
bearings, uneconomical procurement by Navy Department, GAO review 5009
nuclear ramjet test reactor, Tory II–A 4495
ram-jet—
combustor, can-type flame holder, altitude investigation 5512
pentabornae fuel investigation 5518
supersonic turbofan, investigation of rotating-stall limits 5525
turbojet—
performance in combination with external-internal-compression inlet 5562
thrust augmentation by combined compressor coolant injection and afterburning 5513
see also Rockets—Turbines.
Engle, Glen B., high-energy neutron-induced changes in carbon and graphite 4477
Enlisted personnel, *see* Armed Forces.
Enrollment, *see* Colleges and universities.
Entries of lands, *see* Homesteads.
Entropy, sesquioxides of erbium, holmium, thulium, and ytterbium 5501
Entry into atmosphere, *see* Atmospheric entry.
Environment:
interplanetary lunar and near planet 4392
space research, laboratory techniques 5552
Enzymes, *see* Proteinases.
Epstein, Leo, occupational wage survey, Boston, Mass 5442
Equations:
simultaneous onboard optical measurements for lunar vehicle position in earth-moon space 5596
tables relating to radial Mathieu functions, errata 4397
Equations of motion:
dislocation, USSR study 5351
Z-function solutions for motion, etc., during atmosphere entry from equatorial orbits of rotating planet 5583
ER series 4514–51
Erbium sesquioxide, high-temperature heat content and entropy 5501
Erosion, resistance of nozzle materials in solid-propellant rocket engine 5603
ESD, *see* Electronic Systems Division.
Estate tax, *see* Inheritance and transfer tax.
Estes, Billie S., pooled cotton allotments, Agriculture Dept. handling, hearings, errata 4780
Estonian Soviet Socialist Republic, industry in Estonian SSR and its key cities 5332
Ethiopia, establishing business 5081
Europe:
Berlin situation, U.S. policies, report 4774
Eastern—
agriculture, forestry, and food industries, translations 5117–18, 5228, 5303, 5394
economic organization and management, translations 5113, 5126, 5132, 5226, 5233, 5264, 5270, 5340, 5362, 5406, 5417
foreign trade, translations 5131, 5133, 5229, 5293, 5330, 5337, 5410

Entry

Europe—Continued
Eastern—Continued
heavy industry, translations 5163, 5255, 5364
legal journals, abstracts 5138, 5246, 5342
materials industries, translations 5300–1, 5380
political translations 5108, 5128, 5256, 5290, 5379, 5411
scientific and technical journals, abstracts 5121, 5173–75, 5206–8, 5243, 5275–78, 5308–10, 5350, 5381–84, 5420–21
scientific and technical literature, guide 5646
service industries, translations 5136, 5180, 5196, 5201, 5224, 5328, 5412.
sociological translations 5114, 5230, 5265
Western, Soviet economic offensive, special study mission, report 4749
Evaluation and testing in teaching modern foreign languages 4815
Evaporators, maple sap, oil-fired, construction of arches and burners 4341
Evaporites, *see* Sedimentary rocks.
Everhart, Philip E., flows past blunt bodies at transonic speeds 5561
Evidence, material evidence, photographic and physical methods for investigating, USSR study 5164
Evolution, processes of self-reproduction and evolution, attempt at modelling, USSR study 5244
Examinations, *see* Civil service—*also* type or subjects of examinations.
Excavation, Ogotoruk Creek area, Alaska, effects of nuclear detonations proposed 4494
Exchanges, *see* Foreign exchange.
Excise taxes, IRS looseleaf regulations system 5055
Executive departments, *see* Government supplies.
Exhibitions, Main Street U.S.A. opening ceremonies (remarks) 4653
Exits (aircraft):
multiple jet, effect on base pressure of simple wing-body combination 5555
Expansion tubes, new device for producing high-enthalpy short-duration hypersonic gas flows 5614
Expenditures:
consumer expenditures and income, 1960, advance report 5437
survey of consumer expenditures, 1960–61 (series) 5437
see also subject for which expenditures are made.
Experienced workers, *see* Labor.
Experiment stations, *see* names of stations.
Explorations, *see* Outer space.
Explosions, hazards of flight vehicle combustibles, review 5470
see also Nuclear explosions.
Explosive forming, ASTIA report bibliography 4438
Exports:
privileges, denial and probation orders currently affecting 5056
U.S. commodities as related to output, 1961 and 1960 4595
see also Commerce—*also* names of countries, etc.—*also* names or classes of articles exported.
Extension work, career exploration, guide for extension workers 4371

Entry

Extraction (chemistry):
separation and recovery of cobalt and nickel by solvent extraction and electrorefining 5486
solvent, beryllium from Spor Mountain ore 5499
Extraction apparatus, determination of total serum lipids 4420

F

F.A.A. Federal Aviation Agency.
F.C.D. regs 4975
F.H.A., *see* Federal Housing Administration.
F.P.C.S. series 4902
FAA, *see* Federal Aviation Agency.
Fabrication, *see* names of materials fabricated.
Factor analysis:
hierarchical factors in course grades in aviation high school 4407
use in statistical analysis of multiple time series 4419
Factories, fed by farmers 4889
Facts on aging series 5039–40
Fading correlation bandwidth and short-term frequency stability measurements on high-frequency transauroral path 5620
Fair labor standards act, *see* Labor standards.
Fallout, *see* Radioactivity.
Falwell, R. C., precision endless-loop, magnetic tape recorder for space applications 5579
Families:
characteristics of long term unemployed, 1961–62 4832
food for family with young children 4353
Fanning, John H., address, Jan. 24, 1963 5630
Fans, *see* Mechanical fans.
Far East, *see* East (Far East).
Farm animals, *see* Livestock.
Farm implements and machinery:
automatic driving units, study by simulation, USSR study 5398
current industrial reports 4578
USSR industrial development, translations 5190, 5345
Farm labor:
farmwork, safety, and you, discussion for youth leaders, teachers, etc. 5433
migratory, sanitary facilities, provide, hearings 4789
Farm machinery, *see* Farm implements and machinery.
Farm products, *see* Agricultural products.
Farm supplies, production, major regional cooperatives, handbook 4877
Farm supply cooperatives, *see* Farmers' cooperative associations.
Farm work, *see* Farm labor.
Farmakologiya i toksikologiya (periodical):
translations 5352
Farmer Cooperative Service, general report 4877
Farmers, feed our factories 4889
Farmers' bulletins 4349–51
Farmers' cooperative associations, production supplies, major regional cooperatives, handbook 4877
Farms, *see* Homesteads.
FAS-M series 4977
Federal agencies, *see* Government offices.
Federal aid, *see* Grants-in-aid.
Federal Aviation Agency:
civil aeronautics manual, status 4884

Entry

Federal Aviation Agency—Continued
civil air regulations, amendment 4879–80
FAA handbook series 4882
Federal aviation regulations 4883
status 4884
Federal career directory, guide for college students 4623
Federal Communications Commission, rules and regulations 4886–87
Federal Deposit Insurance Corporation, audit report, 1962, GAO review 4997
Federal employees, *see* Government officials and employees.
Federal employment, *see* Employment.
Federal Hall National Memorial, general information 5635
Federal Home Loan Bank Board, audit report, 1962, GAO review 4998
Federal home loan banks, audit report, 1962 4999
Federal Housing Administration:
air travel by personnel, GAO review 5004
experience with mortgage foreclosures and property acquisitions, report 4893
FHA regulations 4895–98
financing for home purchases and home improvements, guide 4894
insurable loans, digest 4892
manual, mortgagee's handbook, home mortgage programs, revision 4899
Federal jobs overseas 4627
Federal Maritime Commission:
report—
departmental edition 4900
document edition 4711
SP series 4901
Federal National Mortgage Association:
financial statements, GAO examination 5002
leaders of housing and home industry, accomplishments, etc., industry salute (remarks) 5760
Federal Power Commission:
practice and procedure rules 4903
S series 4902
Federal Prison Industries, Inc., audit report, 1962, GAO review 5000
Federal regulations, *see* Code of Federal regulations.
Federal Republic of Cameroun, *see* Cameroun.
Federal Republic of Germany, *see* Germany.
Federal reserve banks:
issue and cancellation of capital stock, regulation I 4926
State member banks, 1962, list 4927
Federal reserve member banks, State member banks, 1962, list 4927
Federal Reserve System Board of Governors, regulation series 4926
Federal Savings and Loan Insurance Corporation, GAO audit 5001
Federal specifications, *see* Government supplies.
Federal standards 4931
Federal supply code, *see* Government supplies.
Federal Trade Commission:
report, 1962—
departmental edition 4933
document edition 4706
Federal wage-hour law, *see* Labor standards.
Federation of Rhodesia and Nyasaland:
economy, basic data 5083
import tariff system 5070
Feed, *see* Pellets.
Feed grain, *see* Grain.

Entry

Feeder pig pooling, improved marketing through grading and commingling 4357
Feiler, Charles E., effect of oscillations on heat transfer 5615
Fenlason, Audra S., selected publications of Bureau of Labor Standards 5435
Ferrous metallurgy, *see* Metallurgy.
Ferrous metals, castings industry, outlook for 1963 and review of 1962 4528
Fertilization of plants, pollination of non-emasculated flowers, biological characteristics of hybrids, USSR study 5176
FHA, *see* Federal Housing Administration.
Fiber boxes, *see* Boxes.
Fiberglass, *see* Glass fibers.
Fibers, *see* names of certain plants, textiles, etc.
Fiering, Myron B., use of correlation to improve estimates of mean and variance 5023
Files and rasps, standard stock sizes, etc., recommendation of trade 4556
Fillo, P. V., manganese mining and milling methods and costs 5472
Finance:
Communist China, translations 5375
financing your social security benefits 5663
labor organizations, reporting guide 5431
medical care, source book of data through 1961 5685
residential finance, homeowner properties, census, 1960 4574
statements of Federal National Mortgage Association, GAO examination 5002
Finger, Harold B., remarks, Jan. 23, 1963 4500
Finland, preparing shipments to 5084
Finley, Amanda H., higher education aids for Indian young people 5045
Fins (cooling):
radiating fin profiles, USSR articles 5386
Fir, Douglas, plywood, standard of trade, amdt 4511
Firearms, Federal laws under IRS, guide for law enforcement officers 5051
Fires:
hazards of flight vehicle combustibles, review 5470
rural fire defense preparation for survival 4370
Fish and fisheries:
canned fishery products, 1961, annual summary 4936
code of Federal regulations 4925
commercial fisheries outlook, general fishery situation, business conditions, etc 4955
commercial fisheries review, separates 4944–47
commercial fisheries, TL series 4948
conservation notes 4949
current fishery statistics, CFS series 4935–39
fish farming industry 4948
fishery bulletin 4952
title page and index, v. 60 4953
title page and index, v. 61 4954
fishery leaflets 4955–57
fishery products—
industrial, 1961, annual summary 4937
manufactured, 1961, annual summary 4938
Hungary 5227

Entry

Fish and fisheries—Continued
miscellaneous legislation, 1962, hearings 4757
national fish hatcheries, 6 questions everybody asks 4943
Pacific marine fisheries compact, amendment, hearings 4757
special scientific reports, fisheries series 4969–70
sport fishes, study genetics and carry out selective breeding, hearings 4757
trout hatchery, description and purpose 4941
United States, advance report, 1962 4939
see also Diseases of fish—*also* names or classes of fish.
Fish and Wildlife Service:
circulars 4941–43
fishery bulletin—
title page and index, v. 60 4953
title page and index, v. 61 4954
refuge leaflets 4958–68
special scientific reports—
fisheries series 4969–70
wildlife series 4971–72
work, research and management for food and recreation 4950
Fish farming industry 4948
Fish hatcheries, *see* Fish and fisheries.
Fish Springs National Wildlife Refuge, birds 4962
Fisheries, *see* Fish and fisheries.
Fisheries Council, Indo-Pacific, *see* Indo-Pacific Fisheries Council.
Fishermen, New England fishing vessel owners safety manual 4942
Fishermen's and fish shore workers' unions, collective bargaining, voice in ex-vessel sale of fish, hearings 4773
Fishery products, *see* Fish and fisheries.
Fishing, *see* Fish and fisheries.
Fishing gear, hard crab, types used in Chesapeake Bay 4945
see also Trawls and trawling.
Fishing vessels, New England, safety manual for fishermen, captains and owners 4942
Fission products, metabolism, research on physico-chemical state and metabolic path of radiocerium solutions 4470
Fixed capital, amortization and capital repairs in ferrous metallurgy, USSR 5124
Flammability, *see* Inflammable materials.
Flight:
evaluation of lunar landing trajectories, VTOL test vehicle 5601
foods, tubed, suitability 4394
free, measurements of drag and static stability for blunt-nosed 10° half angle cone at Mach no. 15 5566
information manual, international, amdt 4427
information publication, planning, foreword 4398
scaled-speed elastic swept-wing bomber and fighter models coupled wing tip to wing tip, investigation 5532
stress responses of pilots 4413
training, air navigation, Air Force manuals 4381–82
Flint River:
flood control, etc., engineer report—
departmental edition 4855
document edition 4685

Entry

Floods, Ching Chiang dispersion project, Communist China 5316
Florence, Oreg., ground water in coastal dune area 5031
Florida:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
early potatoes, prepackaging at production points 4358
Four River Basins area, flood control, etc., engineer report—
departmental edition 4856
document edition 4689
phosphate slimes, chemical and physical beneficiation 5490
Flotation:
ilmenite, from Virginia saprolite and unweathered diorite ores 5498
siegenite in complex sulfide table middling from southeast Missouri 5475
Flour, U.S. exports under Government programs, 1961–62 4977
Flow:
about flat-top wing-body configurations, solutions 5510
air, secondary, effects on annular base force of supersonic airplane 5515
axial, hub-tip radius ratio rotor designed for 40 pounds per second per square foot with design tip diffusion factor of 0.20, investigation 5559
B-52 flow field, aerodynamic characteristics of X-15 airplane in 5539
controlled, for ground effect machines 5758
criteria for extending streamflow records by correlation 5023
ejector pumping characteristics for hot and cold primary flow 5514
high-enthalpy short-duration hypersonic gas, expansion tube for producing 5614
laminar, incompressible fluids, heat transfer 5577
mixed, past blunt bodies at transonic speeds 5561
oscillations, effect on heat transfer 5615
steady, through nonhomogeneous aquifers, calculation of resistance and error in electric analog 5032
supersonic, external, oxerexpanded performance of conical nozzles with and without 5558
two-phase, in vertical tube with heat addition, visual study 5586
Fluids:
incompressible, heat transfer in laminar flows 5577
organic, radiation stability, progress report 4493
Fluorides, stannous prophylaxis paste and topical solution in vitro performance, alone and in combination 4416
Fluorine, injection processes for 15-percent fluorine-85-percent oxygen and heptane in 200-pound-thrust rocket engine 5524
Fluosilicates, process for treating beryl-spodumene concentrates containing 10 to 30 percent beryl 5480
Flutter (aircraft):
panels, titanium skin, flat and curved, at supersonic speeds 5595

Entry

Flutter (aircraft)—Continued
transonic, effects of sweep and aspect ratio on series of thin cantilever wings having taper ratio of 0.6 ... 5593
Flying, *see* Flight.
FM (radio), *see* Radio frequency modulation.
FMC SP series ... 4901
FNMA, *see* Federal National Mortgage Association.
Fog, northwestern Greenland, size, distribution and water content ... 4841
Fog signals, Naval Oceanographic Office, list ... 5651
Fohrman, Melvin J., static aerodynamic characteristics of short blunt 10° semivertex angle cone ... 5600
Food:
East European industries, translations ... 5117–18, 5228, 5303, 5394
F.D.C. regs ... 4975
fallout and your farm food ... 4368
family with young children ... 4353
food, drug, and cosmetic act—
definitions and standards for fruit butters, jellies, preserves ... 4975
text ... 4976
food for peace around world, community feeding programs, manual ... 5093
household consumption and dietary levels, United States, survey ... 4355
household consumption survey, 1955, report ... 4355
preservation by irradiation, bibliography ... 4553
research and management for food, work of Fish and Wildlife Service ... 4950
tubed, suitability for in-flight feeding ... 4394
world forum, proceedings ... 4378
see also names of foods.
Food and Agriculture Organization of United Nations, constitution, amendments and text ... 5739
Food and Drug Administration:
drug policies, interagency coordination; hearings ... 4781
F.D.C. regs ... 4975
Food, drug, and cosmetic act, *see* Food.
Food for cattle, *see* Food for livestock.
Food for livestock:
livestock fed annually, 1909–61 statistics ... 4376
pelleted rations for beef cattle ... 4375
Food preservation, *see* Food.
For commanders, this changing world ... 4434–35
Force and energy, force and pressure measurements on canopy-fuselage configurations ... 5531
Ford, Frank B., evaluation of recruiting strategy with fluctuating availability, etc ... 4406
Foreclosure of mortgages, *see* Mortgages.
Foreign Affairs Committee, House:
committee print ... 4754
report ... 4749
Foreign Agricultural Service, miscellaneous, FAS–M series ... 4977
Foreign aid:
Communist China's economic aid ... 5405
operations in Latin America, hearings ... 4755
voluntary relief programs, activities of registered agencies ... 5098

Entry

Foreign countries, passenger travel to and from U.S., 1962 ... 5044
Foreign exchange:
controls, Indonesia ... 5076
rate, Communist China ... 5405
Foreign languages, *see* Language and languages.
Foreign policy, *see* International relations.
Foreign relations, *see* International relations.
Foreign Relations Committee, Senate:
committee print ... 4774
hearings ... 4775–77
Foreign Service, act of 1946, amended to Nov. 30, 1962 ... 4754
Foreign Service Institute, Igbo, basic course ... 5726
Foreign trade, *see* Commerce.
Forest experiment stations, *see* names of stations.
Forest pest leaflet ... 4981
Forest Service, management systems, description ... 4984
Forests and forestry:
Arizona ponderosa pine forest—
effect of logging on understory vegetation and deer use ... 4987
use of natural openings by deer, elk, and cattle ... 4986
East European industries, translations ... 5117–18, 5228, 5303, 5394
how our forests serve us ... 4982
Hungary ... 5227
research notes, Rocky Mountain Station ... 4985–89
research paper, Intermountain Station ... 4983
southern, deer browse plants ... 4980
station papers, Rocky Mountain Station ... 4990–92
technical paper, Central States Station ... 4979
see also National forests.
Forgings, *see* names of metals, etc., forged.
Fort, *see* name of fort, except when occurring as first word of name of town, etc.
Fort Matanzas National Monument, general information ... 5636
Fort Sumter National Monument, general information ... 5638
Fort Yukon, Alaska, ground temperature observations ... 4844
Foster, Gerald V., effects of wing vertical location on stability and control characteristics at Mach numbers of 2.01 of canard airplane configuration, etc ... 5556
Foster, William C., address, Dec. 19, 1962 ... 4441
Four River Basins area, Fla.:
flood control, etc., engineer report—
departmental edition ... 4856
document edition ... 4689
Fowler, Henry H., remarks, Feb. 14, 1963 ... 5759
FPC S series ... 4902
Fracture, *see* Brittle fracture.
France, plant import requirements ... 4344
Free energy, formation, barium oxide and strontium oxide ... 5497
Free homesteads for all Americans, Homestead act of 1862 ... 4632
Freedom to the free, 1863 century of emancipation 1963 ... 4609
Freer Gallery of Art, Whistler Peacock Room and Princess from Land of Porcelain, description ... 4993
Freezing, particles, vertical migration in front of moving plane ... 4842

Entry

Freight cars, industry, outlook for 1963 and review of 1962 4546
Freight rates:
cost of transportation by class 1 and 2 motor common carriers—
East-South territory 5101
eastern-central territory, 1961 5102
Southern region 5103
regulations, foreign trade (remarks) 4901
Frequencies, *see* Radio frequencies.
Frequency steering of beam in antenna arrays, USSR study 5123
Friction, characteristics of alloys and coatings at elevated temperatures 4496
see also Skin friction (aircraft).
Friends of British Guiana, activities, hearings 4759
Frost, vertical migration of particles in front of moving freezing plane 4842
Frostbites, description and treatment, USSR study 5166
Fruit, canning industry, outlook for 1963 and review of 1962 4514
Fruit butters, definitions and standards 4975
Frutiger, Hans, avalanche control in starting zone, translation of Swiss guidelines 4990
Fuel, fuels and electric energy used by industry groups, annual survey of manufactures, 1961 4572
Fuel cells, *see* Electric batteries.
Fuel elements, *see* Reactor fuel elements.
Fuels, *see* Fuel.
Furnaces, *see* Blast furnaces.
Furniture:
household—
current industrial reports 4583
industry outlook for 1963 and review of 1962 4525
Fused-salts, *see* Salts.
Fuselage:
force and pressure measurements on canopy-fuselage configurations 5531
forward parts, static pressure and boundary-layer characteristics of various cross-sectional shapes at Mach number of 2.01 5533
Future of Nation's atomic power program 4499

G

G.A.O., *see* General Accounting Office.
Gabon Republic, investment law 5065
Gages, *see* Pressure gages.
Games, industry, outlook for 1963 and review of 1962 4529
GAO, *see* General Accounting Office.
Gardens, home and garden bulletin 4353–54
Gardner, Richard N., statements, Dec. 10 and 13, 1962 5727
Gary, Howard L., tamarisk removal reduces water-table fluctuations in central Arizona 4988
Gary, James H., chemical and physical beneficiation of Florida phosphate slimes 5490
Garza, Sergio, geology and ground-water resources of Winkler County, Tex 5034
Gas dynamics in space exploration 5551
Gas ejectors, *see* Ejectors.
Gases, blast furnace top gas, gravimetric method for analyzing 5494
Gasoline, motor, petroleum products survey 5474

Entry

Gates, Paul W., free homesteads for all Americans, Homestead act of 1862 4632
GATT, *see* General agreement on tariffs and trade.
General Accounting Office:
decisions, July 1, 1956–June 30, 1961, index digests, etc 4996
policy and procedures manual for guidance of Federal agencies 4994–95
General agreement on tariffs and trade, sessions of contracting parties, reports 4718
General Services Administration, report, 1962 5011
Generators, *see* names or types of generators.
Genetics:
radiation, problems, USSR book 4472
sport fishes, study, hearings 4757
Geneva, Switzerland, test ban negotiations, renewed at Geneva disarmament conference, hearings 4777
Geochemistry, data (series) 5024
Geodesy, Coast and Geodetic Survey as central depository of data, hearings 4756
Geofizicheskaya razvedka (periodical):
translations 5294
Geographic Names Board, decision list 5012
Geographical names, decision list 5012
Geography, *see* names of places.
Geological Survey:
bulletins 5013–18
professional papers 5019–24
water supply papers 5025–38
Geology:
Anlauf and Drain quadrangles, Oreg 5015
Calamity Peak area 5018
contributions to economic geology (series) 5013, 5015–16, 5018
effects of high-explosive tests in USGS tunnel area, Nevada test site 5021
Elizabethton-Johnson City area, Tenn 5025
geologic investigations related to nuclear explosions (series) 5021
Haldeman and Wrigley quadrangles, Ky 5016
Hualapai Indian Reservation 5033
major principles for general education, evaluation list 4826
Pinto Basin, Joshua Tree National Monument, Calif., reconnaissance 5028
seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska 5020
shorter contributions to general geology (series) 5022
southern Utah Valley, Utah 5019
Tremont quadrangle, Pa., rocks of Pennsylvanian age 5013
Winkler County, Tex 5034
see also Stratigraphy.
Geomagnetism, *see* Terrestrial magnetism.
Geophysics:
Air Force surveys in geophysics 4390
geophysical exploration (USSR periodical), translations 5294
research in space exploration, papers 5541
seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska 5020

Entry

Georgia:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
women workers, 1960 5773
Germanium, linear dislocations, recombination, USSR study 5234
Germany:
customs valuation under revised German law, 1962 5067
Democratic Republic, *see*, below, Soviet Zone.
East, *see*, below, Soviet Zone.
Federal Republic—
foreign trade 1960–61 5085
maritime matters, use of territorial waters and ports by N.S. Savannah, agreement 5736
preparing shipments to 5072
Soviet Zone—
cybernetics significance for science, technology and industry 5343
legal journals, abstracts 5138
Socialist People's Party, program for 6th Congress 5108
Ulbricht report to 6th SED Congress 5216
Ulbricht's terror justice, trial of Harry Seidel 6129
West, assistance for foreign students, especially from Asia, Africa, and Latin America 5365
Gibbs, Katye M., explosive forming, ASTIA report bibliography 4438
Gigiyena i sanitariya (periodical): translations 5141
Gilmore, Voit, address, Jan. 11, 1963 5762
Ginn, John L., prepackaging Alabama and Florida potatoes at production points 4358
Ginning, *see* Cotton gins and ginning.
Glaciers, electrical D-C resistivity measurements on glacier ice near Thule, Greenland 4843
Glands, *see* Adrenal glands.
Glass, flat, current industrial report 4582
Glass fibers:
fuel bearing fiberglas in aluminum-base fuel elements, fabrication properties, report 4492
vinyl-coated insect screening and louver cloth, standard of trade 4513
Glassware, *see* names of articles manufactured from glass.
Gleeson, Geraldine A., disability days due to injury, United States, July 1959–June 1961 5687
Glick, Marvin, occupational wage survey, Omaha, Nebr.-Iowa 5440
Glock, Waldo S., uniformity among growth layers in 3 ponderosa pine 5721
Goddard Space Flight Center, 5th anniversary of international tracking of space vehicles 5507
Goldstein, Philip, occupational wage survey, Washington, D.C.-Md.-Va 5443
Gordon, William G., Great Lakes trawler conversion 4957
Gorgas Memorial Laboratory:
audit report, 1962 4707
report, 1962 4707
Goshen, Edward E., remarks, Feb. 19, 1963 4429
Gossett, William T., nomination, hearing 4776
Government:
intergovernmental responsibilities for water and sewage disposal in metropolitan areas 4327

Entry

Government—Continued
local, State constitutional and statutory restrictions upon structural, functional, and personnel powers 4329
State and local—
continuity in emergency 4829
revenues and expenditures in Great Plains 4802
transfer of information, responsibilities of technical community and Government 5677
see also headings beginning Government.
Government contracts:
Davis-Bacon act, administration, hearings and appendix 4753
renegotiation ruling 5710
safeguarding classified information, industrial security manual 4796
Government employment, *see* Employment.
Government offices:
drug policies, interagency coordination, hearings 4781
interagency training programs 4625
policies and procedures, General Accounting Office guidance manuals 4994–95
safeguarding classified information, industrial security manual 4796
summer employment opportunities 4628
see also Government supplies.
Government officials and employees:
city taxes, withholding by Federal agencies, amend internal revenue code, report 4747
Federal career directory for college students 4623
interagency training programs 4625
see also Civil service pensions.
Government Operations Committee, House, hearings 4755
Government Operations Committee, Senate:
committee prints 4778–79
hearings 4780–81
Government periodicals, *see* Periodicals.
Government publications:
Joint Economic Committee, released after Aug. 1962, supplement 4667
price lists, Public Documents Division, PL series 5679–82
subscription services, price list 5679
see also names of departments, etc., issuing publications—*also* subjects.
Government regulation and control, program, U.S. grain exports, 1961–62 4977
Government supplies:
Federal specifications 4930
Federal standards 4931
Federal supply code for manufactures excluding United States and Canada 4794
stores stock catalog, special information on availability of items 4932
Grade names used in U.S. standards for farm products 4346
Grader, agricultural commodity (meat), examination announcement 4615
Grading of commercial products, *see* names of products.
Graduates, school, advanced work allocation, regulations on labor ministry organization and state council notice, Communist China study 5314

Entry

Grafting (physiology):
intestinal transplants in urinary system, physiological and histochemical study of adaptation, USSR 5235
Grain:
coarse, U.S. exports under Government programs, 1961–62 4977
feed programs, new to achieve balance between production and demand, message from the President 4721
Grants-in-aid:
education and libraries, message from the President 4720
highway program, Federal-aid, progress (remarks) 5700
public works, maximum, for eligible areas under accelerated program, supp 4430
sanitation facilities for migratory farmworkers, hearings 4789
school districts affected by Federal activities, annual report 1962 4806
Grapes, insecticide residues on, studies 4337
Graphite, high-energy neutron-induced changes 4477
Grasses, summer annual forage in United States 4348
Gravimetric analysis, *see* Chemistry.
Gravity, seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska 5020
Grazing districts, Ely, Nev., hydrology of stock-water development 5026
Great Lakes trawler conversion 4957
Great Plains:
State and local governments, revenues and expenditures 4802
States, soil and water conservation research 4366
Greathouse, William K., performance characteristics of several divergent-shroud aircraft ejectors 5519
Greece, doing business in Greece, report of 1962 U.S. Trade and Investment Development Mission 5057
Greenland:
east, sailing directions, change 5649
near Thule, electrical D-C resistivity measurements on glacier ice 4843
northwestern, fog, size distribution and water content 4841
Greenville, N.C., Voice of America complex 5761
Ground effect machines, *see* Air cushion vehicles.
Ground rent, *see* Rent.
Ground temperature observations, Fort Yukon, Alaska 4844
Ground water, *see* Water—Water supply.
Growth, ponderosa pine, uniformity among growth layers in 3 specimens 5721
Guam, Governor, nomination of Manuel F. L. Guerrero, hearing 4782
Guatemala, import tariff system 5078
Guerrero, Manuel F. L., nomination, hearing 4782
Guidance, career exploration, guide for extension workers 4371
Guidance systems:
space vehicle approaching earth, effect of deadband about desired perigee 5597
spacecraft 5545
Guide books, *see* Pocket guides.

Entry

Guide to laws enforced by Alcohol and Tobacco Tax Division, for law enforcement officers 5051
Gulf Coast:
light lists, Little River, S.C. to Rio Grande, Tex., and Antilles 4641
storm warning facilities chart, Morgan City, La. to Apalachicola, Fla., 1963 5770
Gunners, Army, selection of anti-tank missile gunners, status report 4467
Gusts, *see* Winds.

H

Haas, John T., feeder pig pooling, improved marketing through grading and commingling 4357
Haase, Kenneth W., persons injured in home and associated disability 5686
Haddock, fillets, effects of sub-sterilization doses of radiation on storage life extension, final summary 4486
Hadley, James W., Tory II-A, nuclear ramjet test reactor 4495
Hady, William F., boundary lubrication characteristics of bearing steel in liquid oxygen 5589
Halberg, H. N., water resources of Utica-Rome area, N.Y 5030
Haldeman quadrangle, Ky., geology and refractory clay deposits 5016
Halibut, steaks, frozen glazed, accuracy of net-weight determinations 4947
Hall-Gurney oilfield, Russell County, Kans., petroleum engineering study 5476
Halls, Lowell K., deer browse plants of southern forests 4980
Hampton, E. R., ground water in coastal dune area near Florence, Oreg 5031
Handbooks, *see* names of departments, etc., issuing handbooks—*also* subjects.
Handford, John F., basic data on economy of Federation of Rhodesia and Nyasaland 5083
Handling qualities and operational problems of large 4-propeller STOL transport airplane 5599
Hanlon, Frederick R., ten-year chronology of U.S. Court of Military Appeals, 1951–61 4799
Hanson, A. A., summer annual forage grasses in United States 4348
Harbeck, Richard M., selected aerospace career and scholarship information 4824
Hardboard, *see* Pulpboard.
Harding, Francis D., prediction of retirement of Air Force officers 4403
Hardwoods, cull trees, methods and costs of killing 4979
Hardy, Edward P., jr., Health and Safety Laboratory fallout program 4479
Harlow, Arthur A., factors affecting price and supply of hogs 4377
Harvesting, mechanical, and ribboning of ramie fiber 4373
Harvesting machinery, combine cutting and feeding mechanisms in Southeast 4374
Hasel, Lowell E., static pressures and boundary-layer characteristics on forward parts of 9 fuselage, etc 5533
Hatcheries, *see* Fish and fisheries—Turkeys.

677108 O—63—No. 818——9

Entry

Havasu Lake National Wildlife Refuge, birds 4959
Hawaii:
lights and fog signals, list, change 5652
participate in Pacific Marine Fisheries Commission compact, hearings 4757
secondary nonferrous metals industry, data 5471
Hawkes, Glenn R., absolute identifications of cutaneous stimuli varying in both intensity level and duration 4502
Hawkins, Murphy E., analyses of brines from oil-productive formations 5493
Headliner series 4597
Health:
health economics series 5685
national survey, statistics 5686–89
program, message from the President 4724
public—
Bulgaria, organization of services 5209
code of Federal regulations 4923
science, technology and development in less developed areas 5096
supervisor development program, basic course 4448
workers, capitalist countries, deterioration due to automation of production, USSR study 5400
Health and Safety Laboratory, AEC fallout program, quarterly summary report 4479
Hearing:
Air Force pilots, 1955–62 4417
speech discrimination scores, prediction 4423
Hearth, Donald P., thrust, etc., of ejector-type exhaust nozzles 5516
Heat:
high temperature heat contents, sesquioxides of erbium, holmium, thulium, and ytterbium 5501
resistance of organisms, significance of adrenal glands 5142
resisting materials, collection of USSR works 5325
see also Heat transfer.
Heat exchangers, Langley 11-inch ceramic-heated tunnel, design, operation, etc 5594
Heat of formation, barium oxide and strontium oxide 5497
Heat transfer:
aerodynamics, measurements on flat-face cylinder at Mach number range of 2.49 to 4.44 5554
data on irradiation of Santowax OMP in M.I.T. in-loop reactor—
equipment design, etc 4483
summary 4482
laminar flows of incompressible fluids 5577
large-amplitude oscillations effect on 5615
pressure level effect on afterburner-wall temperature 5527
radiating fin profiles, USSR articles 5386
relationships among coefficients of turbulent moment, heat, and matter transfer in atmosphere 5188
visual study of 2-phase flow in vertical tube with heat addition 5586
Heat treatment welded joints of 1Kh18N9T steel, with high frequency, current, influence on corrosion, USSR study 5241
Heating apparatus and supplies, *see* names of special apparatus and supplies.

Entry

Heidmann, M. F., injection processes for 15-percent fluorine-85-percent oxygen and heptane in 200 pound-thrust rocket engine 5524
Helicopters, Soviet, news 5212
Heliports, rigid and overlay pavement, engineering and design manual 4862
Helme, William H., new classification techniques 4465
Helping people to help themselves in country and in towns 4352
Hemodynamics, *see* Blood.
Hennings, Glen, low-temperature chemical starting of 200-pound-thrust JP–4, nitric acid rocket, etc 5517
Henrie, T. A., reaction rate of titanium and titanium subchlorides in molten sodium chloride 5489
Henry, E. William, address, Jan. 24, 1963 4885
Heptane, injection processes for 15-percent fluorine-85-percent oxygen and heptane in 200 pound-thrust rocket engine 5524
Herter, Christian A., nomination, hearing 4776
Hess, Wilmot N., neutrons in space 5608
Hewlett, Richard F., design, etc., mathematical models for mine-systems analysis 5485
Hickey, David H., aerodynamic characteristics of model with fans mounted in wing 5602
Hides and skins, *see* Leather, hides, and skins.
Hierarchical factors in course grades in aviation high school 4407
High schools:
aviation, hierarchical factors in course grades 4407
nonpublic secondary schools, directory 1960–61 4820
High seas, *see* Ocean.
High seas, jurisdiction over, *see* Maritime law.
Higher education, *see* Colleges and universities.
Highlights of legislation on aging, Federal legislation affecting older persons, 87th Congress, 2d session 5041
Highway bridges, *see* Bridges.
Highways, *see* Roads and highways.
Hill-Burton program:
hospital and medical facilities series under Hill-Burton program 5690–93
progress report, July 1, 1947–June 30, 1962 5690
Hillsborough River:
flood control, etc., engineer report—
departmental edition 4856
document edition 4689
Hinshaw, Lerner B., effect of increased venous pressure on renal hemodynamics 4503
History, historical handbook series 5638
History of mathematical statistics research at Aeronautical Research Laboratories 4400
Hoc tap (North Vietnam periodical):
translations 5183, 5422
Hodges, Earl F., animal units of livestock fed annually, 1909–61 4376
Hodges, Luther H.:
addresses, remarks, etc.—
Jan. 23, 1963 4649
Feb. 1, 1963 4650
Feb. 13, 1963 4653
Feb. 19, 1963 4645
Hogs, *see* Swine.
Holding pattern criteria 4882

Entry

Holloman, J. Herbert:
remarks—
Nov. 2, 1962 ---- 4647
Jan. 23, 1963 ---- 4648
Feb. 15, 1963 ---- 4646
Holmium, sesquioxide, high-temperature heat content and entropy ---- 5501
Holstein cattle, *see* Cattle.
Homan, Sheldon W., control of electrical shock hazards ---- 5432
Home economics, home and garden bulletins ---- 4353–54
Home loans, *see* Loans.
Homemaking, *see* Home economics.
Homes:
FHA financing for home purchases and home improvements, guide ---- 4894
mortgage insurance, FHA regulations, amendments ---- 4895–96
mortgage programs, mortgagee's handbook, FHA manual, revision ---- 4899
Homesteads, act of 1862, free lands for all Americans ---- 4632
Honaker, William C., irradiation effects of 40 and 440 Mev protons on transistors ---- 5574
Hong Kong, investment in ---- 5061
Honolulu Magnetic Observatory, magnetograms and hourly values ---- 4633
Hood, James W., saline-water resources of New Mexico ---- 5035
Hook, Marion E., time required for airmen crosstraining ---- 4401
Hoover, Linn, geology of Anlauf and Drain quadrangles, Douglas and Lane Counties, Oreg ---- 5015
Horecky, Paul L., newspapers of Soviet Union in Library of Congress ---- 5465
Hormuth, Rudolf P., proposed program to combat mental retardation ---- 4598
Horton, Victor W., F-104a airplane, use as 1st-stage-booster for air-launching solid-fuel sounding rockets ---- 5568
Hosiery mills:
industry wage survey—
departmental edition ---- 5448
document edition ---- 4704
Hospitalization, *see* Hospitals.
Hospitals:
general, planning and design, selected references ---- 5693
hospital and medical facilities series under Hill-Burton program ---- 5690–93
progress report, July 1, 1947–June 30, 1962 ---- 5690
hospitalization reporting, comparison in 3 survey procedures ---- 5689
multiple disability rehabilitation facilities planning, compilation of studes ---- 5691
resident in hospital administration, examination announcement ---- 4610
tuberculosis beds, index ---- 5698
see also Mental institutions.
Hosterman, John W., geology and refractory clay deposits, Haldeman and Wrigley quadrangles, Ky ---- 5016
Hours of labor, automotive parts wholesaling, Federal wage-hour law application ---- 5766
House bills ---- 4669
House documents ---- 4670–4729
House of Representatives:
contested election, Odegard vs. Olson, notice of dismissal, etc ---- 4725
journal, 87th Cong., 2d sess ---- 4668
House reports, public bills ---- 4730–50
Household goods, *see* Furniture.

Entry

Households:
food consumption and dietary levels, United States, survey ---- 4355
food consumption survey, 1955 report ---- 4355
Houses, finance, homeowner properties, census, 1960 ---- 4574
Housing:
census, 1960—
components of inventory change ---- 4593–94
announcement and order form, amended ---- 4560
residential finance, homeowner properties ---- 4574
equal opportunity (lecture) ---- 5042
Federal laws, elderly, direct loans ---- 5043
industry, strengthen growth through tax reduction (remarks) ---- 5760
insurable loans, digest ---- 4892
investigation, authorization, report ---- 4737
project mortgage insurance, FHA regulations, amendments ---- 4897–98
Houston, Tex., income, education, and unemployment in neighborhoods ---- 5455
Howard, Mildred, Beltsville energy-saving kitchen, design 3 ---- 4356
Hsu, Yih Yun, visual study of 2-phase flow in vertical tube with heat addition ---- 5586
Hualapai Indian Reservation, geology and areas for ground-water development ---- 5033
Huang, Su-Shu, periodic orbits for moon probes ---- 5609
Huddle, J. W., coal reserves of eastern Kentucky ---- 5014
Hughes, Jay, pulp- and papermaking opportunities in west central Colorado ---- 4992
Humble, L. V., nuclear propulsion of aircraft ---- 5511
Humphreys, Lloyd G., hierarchical factors in course grades in aviation high school ---- 4407
Hungary:
agriculture, forestry, and fishing ---- 5227
legal journals, abstracts ---- 5138
provincial press, summaries ---- 5197, 5329
Hung-ch'i (periodical):
translations ---- 5407
Husbandry, *see* Animals.
Husbands and wives, older brides and grooms, characteristics ---- 5040
Hybridization, pollination of non-emasculated flowers, biological characteristics of hybrids, USSR study ---- 5176
Hydraulic systems:
automation, pneumatic-hydraulic, USSR seminar ---- 5347
corroded units performance, investigation, USSR study ---- 5145
Hydraulic turbines, *see* Turbines.
Hydraulics, model investigation Duluth-Superior Harbor, wave action and breakwater location ---- 4874
Hydroelectric power plants, *see* Electric power plants.
Hydrogen ions, sputtering, effects on total hemispherical emittance of metallic surfaces ---- 5598
Hydrology:
contributions to hydrology of U.S. (series) ---- 5025, 5031, 5037–38
hydrology of public domain (series) ---- 5026–28
meteorology and hydrology (USSR periodical), translations ---- 5305
Pinto Basin, Joshua Tree National Monument, Calif., reconnaissance ---- 5028

Entry

Hydrology—Continued
statistical studies (series) 5023
stock-water development in Ely grazing district, Nev 5026
Hygiene, translations from Gigiyena i sanitariya 5141
Hypothermia:
bicarbonate excretion during hypothermia 4415
renal regulation of bicarbonate loads 4418
studies, USSR 5154

I

I.R.S., *see* Internal Revenue Service.
Ice, electrical D-C resistivity measurements on glacier ice near Thule, Greenland 4843
Iceland, sailing directions, change 5649
Idaho:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
participate in Pacific Marine Fisheries Commission compact, hearings 4757
Idealized and practical pandemonium, USSR 5312
Igbo language, Foreign Service Institute, basic course 5726
Illinois, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
Illiteracy, estimates by States, 1960 4587
Illness, *see* Sick.
Ilmenite, flotation from Virginia saprolite and unweathered diorite ores 5498
Immigration and emigration, Israel, immigration, settlement and Arab minority 5354
Impact, survival of extreme vertical impact in seated position 4504
Impedance, electrically short antennas in ionosphere 5581
Imports, U.S. commodities as related to output, 1961 and 1960 4595
see also Tariff—*also* names of countries, etc.—*also* names or classes of articles imported.
In vitro performance of stannous fluoride prophylaxis paste and topical solution, alone and in combination 4416
Incentive awards, *see* Rewards (prizes, etc.).
Income neighborhoods 5453–57
Income tax:
deductions—
child-care expenses in case of woman deserted by husband, report 4744
redeemable ground rent payments, report 4741
disposition of property pursuant to orders enforcing antitrust laws, report 4745
IRS looseleaf regulations system 5052–54
municipal, withholding by Federal agencies, amend internal revenue code, report 4747
reduction and revision—
hearings 4761
message from the President 4716
Indexes:
explanation, exhibits, etc 4760
Index-digests, decisions, General Accounting Office 4996
correlation of AD–PB technical reports 4507
fishery bulletin, v. 60 4953

Entry

Indexes—Continued
fishery bulletin, v. 61 4954
Le Monde 5110, 5413
NASA, technical publications announcements 5505–6, 5508
nuclear energy for space propulsion and auxiliary power, hearings, index 4665
President's papers, Johnson, Andrew 5466
President's papers series 5466
Smithsonian Institution annual reports 1849–1961—
departmental edition 5719
document edition 4671
La Stampa and La Stampa sera 5122, 5160, 5279, 5390
tuberculosis beds in hospitals and santoria 5698
India:
growing market for U.S. products and investments 5088
Sino-Indian conflict region, visit 5146
Indian reservations, water supply (series) 5033
Indiana, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
Indians:
constitutional rights, hearings 4785
young, higher education aids 5045
see also names of reservations or tribes.
Indium, effect on solid solubility of calcium and silicon in magnesium 5496
Indonesia:
exports and imports, licensing and exchange controls 5076
press survey 5357
Indo-Pacific Fisheries Council, establishment, agreement 5731
Industrial relations:
labor management relations and government responsibilities (address) 5426
labor-management relations (Taft-Hartley) act, national emergency disputes, 1947–61 5436
labor management reporting and disclosure act, financial reporting, BLMR guide 5431
manpower utilization and job security (address) 5427
National labor relations act, view from construction site (address) 5630
Industrial safety, *see* Safety of life.
Industrial security, *see* National security.
Industrial security manual for safeguarding classified information 4796
Industries, *see* names of industries.
Industry:
current industrial reports 4578–84
Ecuador, industrial development law 5064
Estonian SSR, development 5332
growth through technology (address) 4649
heavy, East European, translations 5163, 5155, 5364
Industry and opportunity in Italy, report of 1962 U.S. Industrial Automation Mission 5060
national considerations on development of industrial technology (address) 4651
pamphlet 5766
USSR development, translations—
chemical industry 5198, 5262
chemical machine building 5155

Entry

Industry—Continued
USSR development—Continued
electrical equipment 5179
ferrous metallurgy 5304, 5349
nonferrous metallurgy 5200, 5202, 5367
power machinery 5353
tractors and agricultural machinery 5190, 5345
wage survey, basic iron and steel 5450
see also names of industries.
Infants, pathology of newborn children, primary problems, USSR study 5261
Inflammable materials, flammability of trichloroethylene 5502
Information, *see* Public information.
Information storage and retrieval systems, transistorized control systems using piezoelectric substances, USSR study 5211
Inheritance and transfer tax, credit against estate tax for tax on prior transfers, report 4740
Injectors, comparison with 200-pound-thrust ammonia-oxygen engine 5526
Injuries:
disability days as result, U.S. statistics, July 1959–June 1961 5687
home, persons injured, type and associated disability, U.S. statistics, July 1959–June 1961 5686
organization of medical treatment, USSR 5194
persons injured at work, U.S., July 1959–June 1961 5688
Inlets, *see* Air inlets (aircraft).
Inorganic chemistry, USSR, developments 5231
Insecticides, residues on grapes and in wines, studies 4337
Inspection (industrial), *see* names of articles, etc., inspected.
Installations (military):
Air Force structures, definitive designs, change 4384
airfields, rigid pavements, engineering and design, manual 4863
control of soils in military construction 4458
engineering instructions 4839
flexible pavement design for roads, streets, etc., engineering manual 4865
Instructors, *see* Air Force.
Instructor's guide IG series 4606
Instrumentation, reactors, in-core, telemetering 4478
Insulating board, *see* Corkboard.
Insurance, *see* types of insurance.
Interagency coordination in drug research and regulation, hearings 4781
Interagency training programs, spring, 1963 4625
Interior and Insular Affairs Committee, Senate, hearings 4782–83
Interior Department:
budget, 1964, decrease, proposal 4729
report, 1962 5047
saline water research development progress report 5050
Intermountain Forest and Range Experiment Station, research paper 4983
Internal revenue:
code of Federal regulations 4910–16
code of 1939, amend, report 4740
code of 1954, amend, reports 4741, 4744–45
see also Taxation—*also* names of certain taxes, e.g. Income tax.

Entry

Internal Revenue Service:
Alcohol and Tobacco Tax Division, laws enforced, guide for law enforcement officers 5051
looseleaf regulations system—
excise taxes 5055
income tax 5052–54
Internal security, *see* National security.
International agreements:
in force, list 5743
treaties and other international agreements, 1962 5745
International Development Agency, administrator, nomination of David E. Bell, hearing 4776
International flight information manual, amdt 4427
International organization and conference series 5727
International organizations, scientific library, documentation, and information services guide 5464
International Patent Office Workshop on Information Retrieval, proceedings 5666–67
International politics, *see* International relations.
International postal service, directory of international mail 5671
International relations:
Berlin in changing Europe, U.S. policies, report 4774
code of Federal regulations 4909
for commanders, this changing world 4434–35
Soviet economic offensive in Western Europe, special study mission, report 4749
International scientific organizations, guide to their library, documentation, and information services 5464
Interstate Commerce Commission:
decisions (bound reports) 5104
rules of practice 5105
Intestines, adaptation of transplants incorporated in urinary system, physiological and histochemical study 5235
Intoxicants, *see* Liquors.
Inventories:
livestock and poultry, 1963 5747
manufacturers, value, industry survey, 1961 4564
Invertebrates, ecological characteristics of bottom communities of Sea of Okhotsk, USSR study 5403
Investments:
District of Columbia, legal investments for trust funds, list 4800
guaranties, agreement with Nigeria 5742
Hong Kong 5061
India, increase in U.S. trade and investment opportunities 5088
international, balance of payments of U.S., 1870–1961, statistical supplement 4559
law—
Federal Republic of Cameroun 5074
Islamic Republic of Mauritania 5069
Republic of Congo (Brazzaville) 5062
Republic of Gabon 5065
Republic of Senegal 5073
Iodides, *see* Cesium iodide.
Ion exchange, mineral materials (series) 5017
Ion rocket engines, *see* Rockets.
Ionizing radiation, protection against, prophylaxis and therapy 4412

Entry

Ionosphere:
impedance of electrically short antenna 5581
quiet, model 5603
Ions, *see* Ions by name, e.g., Hydrogen ions.
Iowa:
annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
women workers, 1960 5774
Iraq, students, internal troubles, report 5368
Iron:
basic iron and steel, industry wage survey 5450
industry outlook for 1963 and review of 1962 4523
Iron pentacarbonyl, thermodynamic properties at high temperatures 5482
Irradiation, *see* Radiation.
IRS, *see* Internal Revenue Service.
Irtysh River, reference and guide book, USSR study 5225
Islamic Republic of Mauritania, *see* Mauritania.
Isolation, purification and certain properties of type B Cl. botulinum proteinase, USSR 5109
Isotopes:
radioactive, accumulation in body and their excretion 4469
technology development program, 4th annual contractors meeting, 1962 4489
Israel:
agricultural commodities, agreement 5733
immigration, settlement and Arab minority 5354
military information, translations 5366
sociological information 5389
Italy, industry and opportunity in Italy, report of 1962 U.S. Industrial Automation Mission 5060

J

Jacobs, Martin, establishing business in Ethiopia 5081
Jamaica Bay, aircraft accident 4602
Japan:
Communist Party, National Activist Conference, Secretary-General Miyamoto's concluding remarks 5152
doing business in Japan, report of 1962 U.S. Machinery Trade Mission 5058
Jelly, definitions and standards 4975
Jets, supersonic, tests of missile stabilizers 5560
Jews, sacred scriptures, Soviet critique 5424
Job analysis:
job description, ARNG technician program, NGB pamphlet 5621
officer jobs, feasibility of identifying predictors of success from personnel records, etc 4402
Job description, *see* Job analysis.
Job evaluation, *see* Job analysis.
Job guide for young workers 4835
Jobs, *see* Civil service—Employment—Job analysis—Occupations—Training.
Johnson, Andrew, papers, index 5466
Johnson, Jesse C., remarks, Feb. 8, 1963 4501
Johnson, Louis F., jr., effect of decreased barometric pressure on oxygen consumption 4411

Entry

Johnson City, Tenn., area, geology and ground water resources 5025
Joint Conference on Children and Youth, report 4596
Joint Publications Research Service, JPRS series 5108–5425
Joints, welded, of 1Kh18N9T steel, influence of heat treatment on corrosion resistance, USSR study 5241
Jones, D. C., interplanetary lunar and near planet environments 4392
Joshua Tree National Monument, hydrologic and geologic reconnaissance 5028
Journals:
East European scientific and technical, abstracts 5420–21
House of Representatives, 87th Cong., 2d sess 4668
JPRS series 5108–5425
Judge Advocate General, Army legal service, pamphlet 4453–55
Judge Advocate General, Army, legal Forces, digest of opinions, 1961–62 4795
Judgments, *see* names of courts, etc., rendering judgments.
Judicial Conference of United States, proceedings, Sept. 19–20, 1962 4717
Judiciary Committee, Senate:
hearings 4784–88
report 4768
Judy, Chester J., education contribution to effectiveness of officers in scientific, etc., assignments 4404
Juniata River:
flood control, engineer report—
departmental edition 4857
document edition 4683
Juniper, *see* Cedar.
Justice Department, Attorney General's wiretapping program, 1962, hearing 4788
Juvenile courts, statistics, 1961 4600

K

K.M.A.G., *see* United States Military Advisory Group to Republic of Korea.
Kansas, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
Kanter, G.S.:
bicarbonate excretion during hypothermia 4415
renal regulation of bicarbonate loads during hypothermia 4418
Katz, Saul M., list of U.S. readings on development 5097
Kaysinger Bluff Reservoir:
engineer report—
departmental edition 4858
document edition 4687
Kazakh Soviet Socialist Republic, Academy of Sciences, general meeting session 5205
Kazakhstan, *see* Kazakh Soviet Socialist Republic.
Kentucky:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4569
Eastern, coal reserves 5014
Kidneys:
renal hemodynamics, effet of increased venous pressure 4503
renal regulation of bicarbonate loans during hypothermia 4418
Kings Canyon National Park, general information 5644

Entry

Kitchens, Beltsville energy-saving design 4356
Kittredge, C.P., detection and location of cavitation 4480
Klieger, Walter A.:
correlates of disciplinary record in wide-range sample 4463
peer ratings as predictors of disciplinary problems 4462
Klinicheskaya meditsina (periodical): translations 5348
KMAG, *see* United States Military Advisory Group to Republic of Korea.
Koenig, David G., wingless vertical take-off and landing aircraft 5570
Kogon, Maurice, investment in Hong Kong 5061
Komar, C. A., ultrasonic phenomena, etc. 5473
Kommunist (periodical):
ideological and administrative problems, Soviet journal 5341
Korea:
North, economic reports 5358, 5423
Republic, United States Military Advisory Group, KMAG in peace and war, history 5468
Korean War, 1950–53, role of U.S. Military Advisory Group 5468
Kuhli, Ralph, address, Oct. 29, 1962 4929
Kumai, Motoi, size distribution and liquid water content of fog, northwestern Greenland 4841
Kunkel, Fred, hydrologic, etc., reconnaissance of Pinto Basin 5028
Kupper, Donald H., geology of Calamity Peak area, Custer County, S. Dak 5018
Kusler, David J., gravimetric method for analyzing blast furnace top gas 5494

L

L–103, hydrolysin, nutrition for children, USSR study 5220
Labels, paper, gummed, Federal standard 4931
Labor:
counseling and employment services for special worker groups, supp 4833
international study, Miners' International Federation 5099
labor force, experienced civilian, occupations, census of population, 1960, supplementary reports 4575
market, Employment Service participation 4834
monthly labor review, reprint 5458
places of work and transportation to work, census of population, 1960 4576
skilled workers, occupational outlook 5459
Soviet laws on selecting by competitive methods 5191
transformation of complex labor into simple labor, Communist China study 5177
USSR, translations 5172, 5297
see also Migrant labor.
Labor and Public Welfare Committee, Senate, hearings 4789
Labor Department, sponsored conference with college presidents and executives, on preparation and motivation of Negro youth for employment, Jan. 1963 5430
Labor laws:
four areas of developing, resume and rationale (address) 5629
wage-hour law in small firms 5718

Entry

Labor-management relations, *see* Industrial relations.
Labor Management Reports Bureau, financial reporting guide 5431
Labor markets, *see* Labor.
Labor standards:
fair labor standards act—
application to automotive parts wholesaling 5766
application to contract mail carriers 5765
records to be kept by employers, regulations 5767–68
Labor Standards Bureau:
bulletins 5432–33
leaflet 5434
selected publications 5435
Labor Statistics Bureau:
BLS report series 5436–37
bulletins 5438–50
Labor unions, financial reporting, BLMR guide 5431
see also Collective bargaining.
Laboratories, *see* names of laboratories or places where located.
Laboratory techniques in space environment research 5552
Lacreek National Wildlife Refuge, general information 4968
Lakes, *see* names of lakes.
Landing (aircraft):
lunar propulsion considerations 5610
visual boundary for immediate perception of vertical rate of descent, investigation 5591
Landing (spacecraft), *see* Spacecraft.
Lane County, Oreg., geology of Anlauf and Drain quadrangles 5015
Language and languages:
foreign, modern, evaluation and testing in teaching 4815
national defense education act—
language development program, research and studies, 1962 4819
research studies, instructional materials, list 4818
see also names of languages.
Latin America:
students from, West German assistance 5365
U.S. aid operations, hearings 4755
Law:
Eastern European legal journals, abstracts 5138, 5246, 5342
Judge Advocate legal service, Army pamphlets 4453–55
procurement legal service, Army pamphlet 4457
using cybernetic methods, USSR study 5148
see also names of countries and States—*also* subjects.
Law enforcement, officers, guide to laws enforced by Alcohol and Tobacco Tax Division, IRS 5051
Laws, *see* Labor laws—*also* subjects.
Lazorchick, Daniel C., Miners' International Federation, international labor study 5099
Lead isotopes, evaluating lead-isotope ages, algebraic and graphic methods 5022
Leadership, Air Force NCO leaders, selection techniques, status, June 30, 1962 4466
Leaflets, *see* names of departments, etc., issuing leaflets—*also* subjects.
Learning:
effect of visual perception of depth 5657
post-discrimination gradients around stimuli with differential rates of occurrence in discrete response task 4396

Entry

Leather, hides, and skins, hide curing methods, economic evaluation 4804
Leave of absence:
disability days due to injury, U.S. health statistics, July 1959–June 1961 5687
sabbatical leave in American higher education, origin, etc 4821
sick, supervisor development program, basic course 4448
Lebanon, establishing business 5080
Lectures, *see* Addresses, lectures, etc.
Lee, Henry A., spin investigation of model of unswept-wing, twin-engine, observation airplane 5576
Legal services, *see* Law.
Legislation, comprehensive, clear and positive (address) 4890
see also subjects.
Legislative bodies, State legislatures, apportionment 4326
Legislative history of Welfare and pension plans disclosure act of 1958, as amended by Public law 87–420 of 1962 5723
Lenin, Vladimir I., rewards, prizes, etc., works submitted in competition, 1963 5153
Lessing, Henry C., stability derivatives of airplane model with unswept wing and high horizontal tail 5538
Leucocytes, transfusion of dry leucocytic mass in leucopenic conditions, clinical effectiveness, USSR study 5115
Leucopenia, transfusion of dry leucocytic mass, clinical effectiveness, USSR study 5115
Libraries:
colleges and universities, analytic statistics, 1959–60 4816
elementary school, bibliography 4814
public, construction, message from the President 4720
school, supervision in State and local school systems 4823
see also names of libraries or places where located.
Library accessions, Adjutant General's Office, Army Library 4322–23
Library list, National Agricultural Library 5617
Library of Congress:
information for readers 5463
President's papers index series 5466
Soviet Union newspapers 5465
Libya, living conditions 5063
Licenses, licensing controls, Indonesia 5076
Lichtenstein, Stanley, officer jobs, feasibility of identifying predictors of success from personnel records, etc 4402
Life in meteorite, USSR study 5214
Life sciences, new technologies and their promise 5678
Lift (aircraft):
application of numerical technique to lifting-surface theory for calculation of unsteady aerodynamic forces due to continuous sinusoidal gusts on wing planforms 5575
Lights and lighting:
Coast Guard lists—
Atlantic and Gulf Coasts 4641
Atlantic Coast, local 4640
Pacific Coast and Pacific Islands 4642
Naval Oceanographic Office, list 5651
Lina, Lindsay J., investigation of visual boundary for immediate perception of vertical rate of descent 5591

Entry

Linear programming in assortment planning, application, USSR study 5287
Linear systems, recombination of dislocations in germanium, USSR study 5234
Linters, *see* Cotton.
Lipids, serum, extraction apparatus for determination 4420
Liquid oxygen, *see* Oxygen.
Liquids, surface tension, measurement, USSR study 5326
see also Fluids.
Liquors, intoxicating, code of Federal regulations 4917
see also Malt liquors.
Lists, *see* subjects of lists.
Literature, Eastern Europe, scientific and technical, guide 5646
Livestock:
animal industry, publications, price list 5681
animal units fed annually, 1909–61, statistics 4376
brucellosis eradication, recommended uniform methods and rules 4342
foreign trade prospects 4978
inventory, 1963 5747
receipts and disposition at public markets, 1961 4336
reports, contents and release dates, 1963 5746
survival after fallout from nuclear attack 4369
see also Food for livestock.
Living conditions, *see* Cost and standard of living.
Load (mechanics):
assumptions for buildings, engineering and design manual 4864
buffet tests of attack-airplane model 5534
Loading, *see* Unlading and lading.
Loans:
FHA financing for home purchases and home improvements, guide 4894
housing for elderly, Federal law 5043
housing, insurable, digest 4892
Rural Electrification Administration lending program, statistical report, 1961 5711
Small Business Administration, development loan program to help your community, prescription for progress 5717
Lobsters, Maine population biological fluctuations check, use of environmental and economic factors 4944
Lodge, George C., address, May 1960 (French language) 5429
Logging roads, *see* Roads and highways.
Logs, hauling costs, effect of road design, logging road handbook, addenda 4347
Los Angeles, Calif.:
income, education, and unemployment in neighborhoods 5456
Veterans Administration housekeeping quarters, renovation, GAO review 5007
Losch stoker, *see* Stokers (mechanical).
Louisiana:
annual survey of manufacturers, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4570
Calcasieu River and Pass, salt water barrier system, construct, engineer report—

Entry

Louisiana—Continued
Calcasieu River and Pass—Con.
departmental edition 4838
document edition 4688
plane coordinate projection tables 4635
Louvers, vinyl-coated glass fiber screening cloth, standard of trade 4513
Lubrication, boundary, characteristics of bearing steel in liquid oxygen 5589
Luidens, Roger W., air-turborocket engine performance 5520
Lumber:
and allied products, military handbook 4797
imports, 1961 4558
softwood, Tariff Commission report 5752
Lumbering:
Arizona pine forest, effect on understory vegetation and deer use 4987
effect of road design on cost of hauling logs, logging road handbook, addenda 4347
Lunar landing propulsion considerations 5610
Lunar science, research in space exploration, papers 5542
Lunar trajectories, see Trajectories.
Lungs, cancer, morbidity in relation to air pollution, USSR study 5396
Luxembourg, plant quarantine import requirements 4345

M

M.I.T. nuclear reactors, *see* Reactors (atomic).
McAfee, E. L., bi-directional computer updating equipment (CUE), test and evaluation 5751
McFarland, M. Carter, FHA experience with mortgage foreclosures, etc 4893
McGrath, Edward J., dehydrofrozen apple slices 4361
McGrew, John R., strawberry diseases 4351
Machine shops, electronic machine helps shop, USSR study 5385
Machine tools, industry outlook for 1963 and review of 1962 4545
Machinery:
machine building, nuclear energy development, tasks of industry, Yugoslav study 5193
power, USSR industrial development, translations 5353
see also subjects for which machinery is used—*also* names or types of machinery.
MacIntyre, Everette, statement, Jan. 22, 1963 4934
Maclay, Robert W., geology and ground-water resources of Elizabethton-Johnson City area, Tenn 5025
McMurray, Joseph P.:
addresses—
Jan. 29, 1963 4890
Jan. 30, 1963 4891
McNitt, Harold A., preparing shipment to Finland 5084
Magnesium:
compounds, indium effect on solid solubility 5496
industry, outlook for 1963 and review of 1962 4527
Magnetic cores, *see* Cores (magnetic).
Magnetic fields:
line current in transverse rarefied plasma stream 5582
torques produced on rotating cylinders, etc 5613

Entry

Magnetic recorders, *see* Tape recorders.
Magnetic resonance, and Zeeman phenomenon, USSR study 5280
Magnetism, *see* Magnetograms.
Magnetograms, MHV series 4633–34
Magnetohydrodynamics, and plasma physics, bibliography 4439
Mah, Allan D., heats and free energies of formation of barium oxide and strontium oxide 5497
Maine:
lobster population biological fluctuations check, use of environmental and economic factor 4944
sea scallop populations, method of predicting fluctuations 4946
Malt liquors, industry, outlook for 1963 and review of 1962 4537
Mammals:
Aransas National Wildlife Refuge 4964
Desert Game Range 4967
Salt Plains National Wildlife Refuge 4966
San Andres National Wildlife Refuge 4963
Wichita Mountains Wildlife Refuge 4965
Management, *see* Administrative management.
Manganese:
ferrograde, differential sulfatizing process for recovery 5487
mining and milling methods and costs, Mohave Mining & Milling Co 5472
Manpower, development and training act of 1962, explanation 5428
Mansfield, Mike, Berlin in a changing Europe, report 4774
Manuals, *see* names of departments, etc., issuing manuals.
Manufactures and manufacturers:
annual survey of manufactures, 1961 4562–72
announcement and order form 4561
industry groups and selected industries, general statistics 4562
States, standard metropolitan statistical areas, and large industrial counties, statistics—
East North Central States 4566
East South Central States 4569
Middle Atlantic States 4565
Mountain States 4571
South Atlantic States 4568
West North Central States 4567
West South Central States 4570
value of manufacturers' inventories 4564
value of shipments, 1958–61, change 4563
Federal supply code for manufacturers, excluding United States and Canada 4794
small manufacturers, management aids 5716
Manville, Richard H., nutria in United States 4973
Maple sirup, oil-fired sap evaporators, construction of arches and burners 4341
Maps and charts:
atlas of monthly mean stratosphere charts, 1955–59, July–December 4390
domestic air mail transportation system 5672
Marchbanks, Vance H., stress responses of pilots 4413
Maricopa County, Ariz., manganese mining and milling methods and costs, Mohave Mining & Milling Co 5472

Entry

Marine, I. Wendell, ground water resources of Bryce Canyon National Park area, Utah 5027
Marine evaporites 5024
Marine inspection, *see* Ships.
Marine self-exciting synchronous generators, USSR 5144
Maritime industry, *see* Merchant marine.
Maritime law, law of the sea, convention on high seas, adopted at UN conference 5728
Markets and marketing:
acreage-marketing guides 4330
marketing research reports 4357–63
research directory, Agricultural Marketing Service, field locations, personnel in charge 4335
Saudi Arabia, market for U.S. products 5092
small marketers aids 5718
world markets, opportunities for U.S. business (remarks) 4654
see also names or classes of commodities, etc., marketed.
Marking:
articles imported in containers, requirements, report 4750
steel products, recommendation of trade, amendment 4557
Marriages, older persons, trends 5040
Mars (planet):
natural and induced environments encountered in interplanetary space and methods of simulation, investigation 4392
Martin, Clarence D., remarks, Feb. 8, 1963 4652
Martin, W. Edgar, major principles of biological sciences of importance for general education, list 4825
Marx, Karl:
criticism of method of vulgar economics and its realistic significance, Communist China 5273
political economy and bourgeois classical political economy, Communist China study 5213
Marxism, *see* Communism.
Marxist political economy and bourgeois classical political economy, Communist China study 5213
Maryland, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
Mass transfer, relationships among coefficients of turbulent moment, heat, and matter transfer in atmosphere 5188
Massachusetts, women workers, 1960 5775
Materials:
atomic, nuclear rocket, applications, advanced research 4491
Communist China, translations 5376
elastomeric, use in aerospace systems, design data handbook 4391
heat resisting, collection of USSR works 5325
industries, East European, translations 5300–1, 5380
nuclear, *see*, above, atomic.
structural, for avalanche control in starting zone, guidelines for planning and design of permanent supporting structures 4990
survey series 5469
see also Refractory materials—Strategic materials—*also* names of materials.

Entry

Materials handling, equipment industry, outlook for 1963 and review of 1962 4550
Maternal welfare, *see* Mothers.
Maternity, *see* Mothers.
Mathematics:
East European journals, abstracts 5278, 5421
mathematical statistics research at Aeronautical Research Laboratories, history 4400
radial Mathieu functions tables, errata 4397
Mather, J. Warren, handbook on major regional cooperatives handling farm production supplies, 1960 and 1961 4877
Mathieu functions, radial tables, functions of 1st kind, errata 4397
Matlack, E. Brooke, Inc., motor vehicle accident 5106
Mattresses, recommendation of trade 4555
Mattresses (hydraulic engineering):
articulated concrete, aluminum-coated wires as reinforcement 4875
Mattson, Chester R., chum salmon resources of Alaska 4970
Mauna Loa Observatory, atmospheric electric measurement results 5771
Mauritania:
investment law 5069
preparing shipments to 5079
Mayo, Alton P., equations for determining vehicle position in earth-moon space from simultaneous onboard optical measurements 5596
Mead, Margaret, creative life for your children 4597
Meat, foreign trade, prospects 4978
Mechanical fans:
high disk-loading, mounted in wing, aerodynamic characteristics 5602
industry outlook for 1963 and review of 1962 4532
Mechanization, Post Office Department, report 5673
Medical aid to Cuba Committee, activities, hearings 4759
Medical care:
emergency health care, family guide 4605
financing and utilization, source book of data through 1961 5685
USSR, organization of medical treatment for injuries 5194
Medical facilities, *see* Hospitals.
Medical radiology (USSR periodical):
translations 5284
Medical research, *see* Medicine.
Medical treatment, *see* Medical care.
Medicine:
aeromedical reviews 4409
civil aeromedical research, responsibilities, aims, and accomplishments 4505
East European journals, abstracts 5173, 5207, 5243, 5277, 5309
Soviet, medical education, development, 1962 5399
technical documentary reports 4410–23
USSR—
great medical encyclopedia, selections 5168
translations from—
Bol'shaya meditsinskaya entsiklopediya 5371
klinicheskaya meditsina 5348
Sovetskaya meditsina 5372
Medicines, *see* Drugs.
Meditsinskaya radiologiya (periodical):
translations 5284
Medland, Francis F., selection of NCO leaders 4466

Entry

Meknés Province, Morocco, demographic, geographic and economic data 5299
Melville, George S., jr., protection against ionizing radiation 4412
Member banks, *see* Federal reserve member banks.
Memorandums, *see* names of departments, etc., issuing memorandums.
Memorials, *see* National monuments and memorials—*also* names of memorials.
Mental defectives, *see* Mentally ill—Mentally retarded.
Mental institutions:
  mental hospital statistics, model reporting area 5623
  public patients, 1960 5625
Mental tests, *see* Factor analysis.
Mentally ill:
  national mental health program, proposal 4723
  public hospitals, 1960 5625
  statistics for mental hospitals, model reporting area 5623
Mentally retarded:
  highlights from report of President's Panel on Mental Retardation 4598
  national action to combat mental retardation, proposed program, report to the President 5676
  national mental health program, proposal 4723
  proposed program to combat mental retardation 4598
Merchandising, McIntosh apples, some effects on quality in New York City 4334
Merchant marine:
  history of US Merchant Marine 5467
  licensed officers, career in Coast Guard 4638
  maritime matters, use of German territorial waters and ports by N.S. Savannah, agreement with Federal Republic of Germany 5736
  miscellaneous legislation, hearings 4758
Merchant Marine and Fisheries Committee, house hearings 4756–58
Metabolism, fission products, research on physico-chemical state and metabolic path or radiocerium solution 4470
Metallic reactions in uranium recovery 4484
Metallography, group meeting, technical papers 4488
Metallurgy:
  ferrous—
    fixed capital, amortization and capital repairs 5124
    USSR industrial development, translations 5304, 5349
  nonferrous, USSR industrial development, translations 5158, 5195, 5200, 5202, 5367
  powder—
    Soviet studies 5373
    USSR, use to obtain rhenium 5404
  variables, effect in ship-plate steels on transition temperatures in drop-weight and Charpy V-notch tests 5715
Metals:
  nonferrous, secondary, industry in California 5471
  refractory, production methods, physical properties, and electronic structure, USSR seminar 5210
Meteorites, living organisms in, USSR study 5214

Entry

Meteorologiya i gidrologiya (periodical):
  translations 5305
Meteorology:
  global observation system, prospects for international teamwork (remarks) 4648
  meteorology and hydrology (USSR periodical), translations 5305
  satellites, Nimbus spacecraft and its communications system 5571
  surface observations manual, change 5769
Metropolitan areas, *see* Cities and towns.
Meyer, Andrew U., electrical D–C resistivity measurements on glacier ice 4843
Mica, materials survey 5469
Michigan, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
Micropower transistor logic circiuts 5573
Microscopes, *see* Electron microscopes.
Microscopy, darkfield, for detection and identification of Treponema pallidum 5683
Middle America, economic policies and programs, report 4666
Middle East, *see* East (Middle East).
Mighell, Ronald L., vertical coordination in agriculture 4801
Migrant labor, sanitary facilities, provide hearings 4789
Migratory Bird Conservation Commission, alternate representation of secretarial officers and expenses, hearings 4757
Military Advisory Group to Republic of Korea, *see* United States Military Advisory Group to Republic of Korea.
Military aid, disposition of equipment and materials, agreement with Turkey 5741
Military Appeals Court, *see* Court of Military Appeals.
Military art and science, Soviet translations 5130
Military construction, *see* Installations (military).
Military discipline:
  Army personnel, correlates of disciplinary record in wide-range sample 4463
  peer ratings as predictors of disciplinary problems 4462
Military education, airman specialties, rankorder estimates of time required for crosstraining 4401
Military equipment, *see* Military supplies.
Military handbook 4797
Military information, Israel, translations 5366
Military installations, *see* Installations (military).
Military justice, *see* Military law.
Military law, military justice handbook, trial counsel and defense counsel 4452
Military misisons, agreement with Panama 5737
Military personnel, *see* Armed Forces.
Military supplies:
  disposition of equipment and materials, agreement with Turkey 5741
  equipment loan to Boy Scouts of America in 1964 report 4733
Miller, William C., noise from pneumatic rock drill 5491

Entry

Milk, production, monthly report 5748
Minerals:
ion exchange on mineral materials (series) 5017
mapping and geodetic control, papers prepared for United Nations conference 5095
Minerals Exploration Office, budget, 1964, decrease, proposal 4729
Miners' International Federation, international labor study 5099
Mines and mining:
mapping and geodetic control, papers prepared for United Nations conference 5095
mine-systems analysis, design and applications of some mathematical models 5485
see also names of metals and minerals mined.
Mines Bureau:
information circulars 5469–73
report of investigations 5475–5502
Minneapolis, Minn., income, education, and unemployment in neighborhoods 5457
Minnesota, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
Minow, Newton N., paper, Jan. 22, 1963 4888
Miscellaneous collection series, *see* Smithsonian miscellaneous collection.
Miscellaneous publications, *see* names of departments, etc., issuing publications.
Missile technicians, Navy training course 5655
Missilemen, Army, selection of antitank missile gunners, status report 4467
Missiles:
Atlas, completion of operational development phase, ceremony (remarks) 4408
ballistic, base heating with operating rocket 5530
stabilizers, supersonic jet tests 5560
Mississippi:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4569
oil productive formations, analysis of brines 5493
Missouri, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
MIT nuclear reactors, *see* Reactors (atomic).
Mitchell, Glenn A., performance of supersonic ramp-type side inlet, etc 5523
Mixson, John A., lateral vibration characteristics of model of Saturn SA-1 5592
Miyamoto, Kenji, remarks, Nov. 15, 1962 5152
Model Reporting Area for Blindness Statistics, conference, proceedings, 1962 5626
Model Reporting Area for Mental Hospital Statistics, development, purpose, program 5623
Moessner, Karl E., aerial volume tables for pinyon-juniper stands 4983
Mohammedanism, sacred scriptures, Soviet critique 5424

Entry

Mohave Mining & Milling Co., mining and milling methods and costs 5472
Mohler, Stanley R., civil aeromedical research, responsibilities, aims, and accomplishments 4505
Moline, Ill.:
occupational wage survey—
departmental edition 5445
document edition 4701
Le Monde (periodical):
index 5110, 5413
Mongolia:
Government, articles 5334
People's Republic, local government organs 5248
political and economic information 5221
translations 5318, 5323
Mongolian People's Republic, *see* Mongolia.
Monographs, *see* names of departments, etc., issuing monographs—*also* subjects.
Montana, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
Moon:
flight to moon by rocket-mastodon or orbital rendezvous, USSR study 5397
lunar origin of tektites 5584
natural and induced environments encountered in interplanetary space and methods of simulation, investigation 4392
probes
periodic orbits 5609
Moosehorn National Wildlife Refuge, birds 4961
Morbidity:
data sources 5696
lung cancer, in relation to air pollution, USSR study 5396
Morgan, D. T.:
irradiation of Santowax OMP in M.I.T. in-pile loop—
design equipment, etc 4483
summary 4482
Morgan, Roy L., remarks, Jan. 22, 1963 4654
Morgan, William C., elastic stress distributions for junctions in pressurized shell structures 5587
Morgan City, La. to Apalachicola, Fla., coastal, warning facilities chart 5770
Mormon Slough:
Calaveras River, flood control, engineer report—
departmental edition 4866
document edition 4686
Morocco, Agadir and Meknes Provinces, demographic, geographic and economic data 5299
Morse code, *see* Cipher and telegraph codes.
Mortgage insurance:
FHA financing for home purchases for home improvements, guide 4894
home, FHA regulations, amendments 4895–96
housing, digest 4892
mortgagee's handbook, home programs, FHA manual, revision 4899
project, FHA regulations, amendments 4897–98
Mortgages:
FHA experience with foreclosures and property acquisitions, report 4893
home programs, mortgagee's handbook, FHA manual, revision 4899
residential finance, homeowner properties, census, 1960 4574

Entry

Moscow Engineering Physics Institute, scientific conference, 1962 ---- 5189
Moses H. Cone Memorial Park, general information ---- 5639
Mothers, maternal and child health services, 1960, statistics ---- 4599
Motion, *see* Equations of motion.
Motor carriers:
  cost study of general freight transportation ---- 5101–3
  for-hire, hauling exempt agricultural commodities, nature and extent of operations ---- 4362
  transport statistics, 1961 ---- 5107
  see also Motor vehicle accidents.
Motor fuel:
  flight vehicle combustibles, fire and explosion hazards, review ---- 5470
  ram-jet engine, pentaborane investigation ---- 5518
  see also Gasoline.
Motor vehicle accidents, mechanical defect, 1959–61, analysis ---- 5100
Motor vehicles, automotive parts wholesaling, Federal wage-hour law application ---- 5766
Motors, *see* Electric motors.
Mount Rushmore National Memorial, general information ---- 5640
Mountain States, *see* Rocky Mountain States.
Mourning doves, *see* Pigeons.
Moyers, Bill D., nomination, hearing ---- 4775
Muench, H. Stuart, atlas of monthly mean stratosphere charts, 1955–59, July–December ---- 4390
Municipal and cooperative distributors of TVA power, 1962 annual report ---- 5753
Municipalities, *see* Cities and towns.
Munson, Albert G., magnetic field of line current in transverse rarefied plasma stream ---- 5582
Murray, Evelyn, counseling and employment service for youth ---- 4833
Murray, John J., safety manual for fishermen, captains, and owners of New England fishing vessels ---- 4942
Murrow, Harold N., calculation of aerodynamic forces due to continuous sinusoidal gusts on wing planforms ---- 5575
Museums, *see* names of museums or places where located.
Musial, Norman T., overexpanded performance of conical nozzles ---- 5558
Music, United States, events of 1962–63 concert season, list ---- 5674

N

N.A.C.A., *see* National Advisory Committee for Aeronautics.
N.A.S.A., *see* National Aeronautics and Space Administration.
N.L.R.B., *see* National Labor Relations Board.
NACA, *see* National Advisory Committee for Aeronautics.
Naismith Dental Group, dental plan, experiment in dental prepayment ---- 5684
NASA, *see* National Aeronautics and Space Administration.
NASA EP series ---- 5535
NASA facts ---- 5536–37
NASA SP series ---- 5540–53
NASA-University Conference on Science and Technology of Space Exploration, principal addresses at general sessions ---- 5535

Entry

National action to combat mental retardation, proposed program ---- 5676
National Advisory Committee for Aeronautics, research memorandum RM series ---- 5509–34
National Aeronautics and Space Administration:
  EP series ---- 5535
  NACA research memorandum RM series ---- 5509–34
  NASA and universities on science and technology of space exploration (addresses) ---- 5535
  NASA facts ---- 5536–37
  NASA memorandum ---- 5538–39
  SP series ---- 5540–53
  technical memorandums ---- 5554–66
  technical notes ---- 5567–5610
  technical publications announcements—
    annual index ---- 5505
      corporate source, personal author, report and accession nos ---- 5506
    subject guide ---- 5508
  technical report ---- 5612–15
National Agricultural Library, library list (series) ---- 5617
National Bureau of Standards:
  circular ---- 5618
  monograph ---- 5619
  publications, supplementary list, July 1, 1960–Dec. 31, 1962 ---- 5618
  technical note ---- 5620
National Capital, *see* Capital of United States.
National Commission for UNESCO, *see* United States National Commission for UNESCO.
National Conference on Equal Employment Opportunity, proceedings, Sept. 27–28, 1962 ---- 4460
National defense:
  agreement with Turkey ---- 5741
  code of Federal regulations ---- 4918–19
  difficult decisions of space age (address) ---- 4395
  education act of 1958, language and development program, research completed, etc., list ---- 4818–19
  mobilization, report ---- 4766
  rural fire defense preparation for survival ---- 4370
  safeguarding classified information, industrial security manual ---- 4796
National emergency disputes under Labor management relations (Taft-Hartley) act ---- 5436
National Forest Reservation Commission, report, 1962 ---- 4765
National forests, code of Federal regulations ---- 4921
National Guard, Army, technicians, job description, pamphlet ---- 5621
National Guard Bureau, pamphlet ---- 5621
National health survey, health statistics ---- 5686–89
National Historical Publications Commission, proposal for national program to meet needs over next 10 years, report to the President ---- 5622
National Institutes of Health:
  drug policies, interagency coordination, hearings ---- 4781
  programs, work, etc ---- 5624
National labor relations act, *see* Industrial relations.
National Labor Relations Board:
  decisions and orders ---- 5628
  decisions, recent trends (address) ---- 5631
  National labor relations act, administration problems in construction industry (address) ---- 5630

Entry

National monuments and memorials, code of Federal regulations 4921
see also names of monuments or memorials.
National Museum:
report, 1962—
departmental edition 5632
document edition 4705
National Park Service, historical handbook series 5638
National parks, code of Federal regulations 4921
see also names of parks.
National Science Foundation:
report, 1962—
departmental edition 5647
document edition 4714
National security:
administration of policies and programs—
basic issues 4778
bibliography 4779
internal security act, etc. administration, investigation expenses, report 4768
safeguarding classified information, industrial security manual 4796
see also National defense.
National Service Corps, establish, message from the President 4728
National turkey improvement plan, *see* Turkeys.
Nationality, code of Federal regulations 4906
Natrella, Mary G., experimental statistics, sec. 2, Standard techniques for analysis, etc., of enumerative and classificatory data, ordnance engineering design handbook 5664
Natural resources:
energy, water, and river basin development, papers prepared for United Nations conference 5094
minerals and mining, mapping and geodetic control, papers prepared for United Nations conference 5095
Navaho Indians, *see* Navajo Indians.
Navajo Indians:
population, 1960 5694
yearbook 1951–61, decade of progress 5046
Navajo language, description, Navajo yearbook, 1951–61 5046
Naval education, Navy training courses 5654
Naval Oceanographic Office, publications 5648–52
Naval petroleum reserves, No. 4 and adjoining areas, Alaska, seismic and gravity surveys 5020
Naval stores, report, annual, 1961–62 5749
Naval Training Device Center, Port Washington, technical report 5657–58
Naval Weapons Bureau:
NAVWEPS report 5659
ordnance pamphlet OP series 5660
Navigable waters, *see* Bridges.
Navigation:
aids, Coast Guard lists—
Atlantic and Gulf Coast 4641
Atlantic Coast, local 4640
Pacific Coast and Pacific Islands 4642
laws, equipment, Coast Guard approved lists 4639
see also Air navigation.
NAVTRADEVCEN, *see* Naval Training Device Center, Port Washington.
NAVWEPS report 5659

Entry

Navy; U.S., PT boats operations during World War II, at close quarters 5653
Navy Department:
aircraft production, failure to use excess spare parts, etc., GAO review 5003
purchase of aircraft engine bearings, uneconomical procurement, GAO review 5009
NBS, *see* National Bureau of Standards.
Nebraska:
annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
windbreaks, growth curves for ponderosa pine 4989
women workers, 1960 5776
Negroes:
America is for everybody, commemoration of 100th anniversary of signing of Emancipation Proclamation 4831
freedom to the free, 1863 century of emancipation 1963 4609
Labor Department sponsored conference with college presidents and executives, on preparation and motivation of youth for employment, Jan. 1963 5430
Netties, J. Cary, ballistic-missile base heating with operating rocket 5530
Neutrons:
high-energy, changes induced in carbon and graphite 4477
in space, sources in solar system 5608
Nevada:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
secondary nonferrous metals industry, data 5471
New England; fishing vessels, safety manual for fishermen, captains, and owners 4942
New Jersey, annual survey of manufactures, 1961, States, standard metropolitan statistical areas, and large industrial counties statistics 4565
New Mexico:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
Pecos River depletion, causes 5037
saline-water resources 5035
New York State, annual survey of manufactures, 1961, States, standard metropolitan statistical areas, and large industrial counties statistics 4565
New Zealand, sailing directions 5650
Newborn, *see* Infants.
Newcome, Roy, Jr., water resources of Red River Parish, La 5036
Newport Bay:
beach erosion control study, engineer report—
departmental edition 4869
document edition 4693
Newspapers, Soviet Union, in Library of Congress 5465
see also Press.
NG, *see* National Guard.
Nickel:
contracts, stockpile investigation, hearings 4772
separation and recovery by solvent extraction and electrorefining 5486

Entry

Nickerson, John T. R., sub-sterilization doses of radiation, effects on storage life extension of soft-shelled clams and haddock fillets, final summary 4486
Nigeria, investment guaranties, agreement 5742
Nimbus spacecraft, *see* Satellites.
NLRB, *see* National Labor Relations Board.
Noise, pneumatic rock drill, measurement and significance 5491
Nominations, *see* names of persons.
Noncommissioned officers, *see* Air Force.
Nonferrous metals, *see* Metals.
North America:
  east coast lights and fog signals, list 5651
  west coast lights and fog signals, list, change 5652
North Atlantic Ocean, *see* Atlantic Ocean.
North Carolina, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
North Dakota, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
North Korea, *see* Korea.
North Vietnam, *see* Vietnam.
Nozzles:
  conical, overexpanded performance with and without supersonic external flow 5558
  ejector-type exhaust, thrust and pumping characteristics 5516
  materials in solid-propellant rocket engine, erosion resistance and failure mechanisms 5603
NTIP, *see* Turkeys.
Nuclear energy, *see* Atomic energy.
Nuclear explosions:
  excavation in Ogotoruk Creek area, Alaska, effects 4494
  geologic effects of high-explosive tests in USGS tunnel area, Nevada test site 5021
  geologic investigations related to nuclear explosion (series) 5021
  livestock survival after fallout from nuclear attack 4369
  soil, crops, and fallout from nuclear attack 4367
Nuclear power, *see* Atomic energy.
Nuclear-reactor power plants:
  comparison of nuclear defense capabilities with coal-fired power plants 4476
  development of nuclear energy and tasks of electrical and machine building industries, Yugoslav study 5193
Nuclear reactors, *see* Reactors (atomic).
Nuclear rockets, *see* Rockets.
Nuclear tests, *see* Nuclear explosions.
Nuclear weapons, *see* Weapons.
Nurses and nursing, professional nurses, traineeship program of PHS, short-term training courses 5695
Nusbaum, William J., high subsonic Mach number turbine having high rotor blade suction-surface diffusion 5522
Nutrias, *see* Coypou.
Nutrition, science, technology and development in less developed areas 5096

Entry

Nyassaland and Rhodesia, Federation of, *see* Federation of Rhodesia and Nyassaland.

O

O.A.R., *see* Aerospace Research Office.
O.A.S.D.I., *see* Old-age, survivors, and disability insurance.
O.A.S.I. series 5661–63
O.T.S., *see* Technical Services Office.
OAR, *see* Aerospace Research Office.
OASDI, *see* Old-age, survivors, and disability insurance.
OASI series 5661–63
Ob River, lower, reference and guide book, USSR study 5225
OBR series 5061–90
Observatories, *see* names of observatories.
Occupational wage survey, *see* Wages.
Occupations:
  career opportunities—
    aerospace information 4824
    doctors of veterinary medicine in ARS 4365
  Federal directory for college students 4623
    professional auditing with Army Audit Agency 4468
    veterinarians, Agricultural Research Service 4364
    women in retailing 5772
  careers—
    fishery and wildlife biologists, brochure 4940
  supervisor development program, basic course 4450
  job guide for young workers 4835
  labor force, civilian, experienced, census of population, 1960, supplementary reports 4575
  see also Employment.
Ocean:
  conservation has gone to sea, program of Commercial Fisheries Bureau 4951
  law of the sea, convention on high seas, adopted by UN conference, Geneva, Apr. 29, 1958 5728
O'Connor, Charles M., industry wage survey, hosiery, Feb. 1962 5448
Odegard, Robert J., contested election, notice of dismissal, etc 4725
OEDP, *see* Redevelopment (city planning, etc.).
Officers, *see* names of services to which officers belong.
Ogotoruk Creek, bioenvironmental features of area 4494
Ohio:
  annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
  Scioto River Basin, flood control survey, engineer report—
    departmental edition 4871
    document edition 4690
Oil burners, maple sap evaporators, construction 4341
Oil fields, *see* Petroleum.
Oil shale, Colorado, oxidation 5492
Okhotsk, Sea of, invertebrates, ecological characteristics of bottom communities, USSR study 5403
Oklahoma, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4570
Oklawaha River:
  flood control, etc., engineer report—
    departmental edition 4856
    document edition 4689

Entry

Old-age and survivors insurance, OASI series 5661–63
see also Old-age, survivors, and disability insurance.
Old-age, survivors, and disability insurance:
benefits under social security law 5662
social security rulings 5722
Olden, June H., fish farming industry 4948
Olson, Alex G., contested election, notice of dismissal, etc 4725
Omaha, Nebr.:
occupational wage survey—
departmental edition 5440
document edition 4696
Ontario, Calif.:
occupational wage survey—
departmental edition 5438
document edition 4694
OP series 5660
Ophthalmology, photostress and flash blindness, study 4422
Opinions, *see* names of courts, etc., rendering opinions.
Optical illusion, *see* Distortion.
Optical measurements, equations for determining lunar vehicle position in earth-moon space from simultaneous onboard optical navigation 5596
Optics, *see* Optical measurements.
Orange County, Calif.:
San Gabriel River to Newport Bay, beach erosion control study, engineer report—
departmental edition 4869
document edition 4693
Orbits:
periodic, for moon probes 5609
rendezvous or rocket-mastodon, USSR study 5397
satellite, computation program for Izsak's 2d-order solution of Vinte's dynamical problem 5578
Orders, *see* names of departments, etc., issuing orders—*also* subjects.
Ordnance:
engineering design handbook, experimental statistics, standard techniques for analysis and interpretation of enumerative and classificatory data 5664
pamphlets—
Naval Weapons Bureau 5660
Ordnance Corps (Army) 5664
Ordnance Corps (Army), pamphlet ORDP series 5664
ORDP series 5664
Organic compounds, radiation stability of fluids 4493
Organisms, human body, radioisotope accumulation and their excretion 4469
Organization manual (Coast Guard) 4643
Organizations, *see* International Organizations—*also* names of organizations.
Orientation, orbiting astronomical observatory satellite 5604
Orr, Robert L., occupational wage survey, San Bernardino-Riverside-Ontario, Calif 5438
Oscillations, large-amplitude, effect on heat transfer 5615
Osage River:
Kaysinger Bluff Reservoir, engineer report—
departmental edition 4858
document edition 4687
OTS, *see* Technical Services Office.
Outdoor Recreation Bureau, functions and needs (remarks) 5665

Entry

Outer space:
aerospace career and scholarship information 4824
communications, organization, networks, etc 5611
East European journals, abstracts 5384, 5420
elastomeric materials used in aerospace systems, design data handbook 4391
environmental research, laboratory techniques 5552
exploration, etc.—
gas dynamics 5551
geophysics and astronomy, papers 5541
lunar and planetary sciences, papers 5542
NASA and universities (addresses) 5535
international tracking of space vehicles, 5th anniversary, program 5507
interplanetary lunar and near planet environments and methods of simulation, investigation 4392
missions for nuclear rockets (remarks) 4500
neutrons in space 5608
nuclear energy for space propulsion, hearings, index 4665
precision endless-loop magnetic tape recorder, description 5579
United States space activities, 1962 4719
Overseas service, Federal jobs 4627
Overseas business reports 5061–90
Oxidation:
Colorado oil shale 5492
uranium dioxide, USSR study 5285
Oxides, *see* oxides by name, e.g., Uranium dioxide.
Oxygen:
consumption, effect of decreased barometric pressure 4411
injection processes for 15-percent fluorine-85-percent oxygen and heptane in 200 pound-thrust rocket engine 5524
liquid, boundary lubrication characteristics of bearing steel in liquid oxygen 5589

P

P.R.L., *see* Personnel Research Laboratory.
PA series 4367–71
Pacific Coast, light list 4642
Pacific Islands:
light list 4642
north and south, lights and fog signals, list, change 5652
Pacific Marine Fisheries Commission, compact, amendment, hearings 4757
Pacific Ocean, northern, sailfish and Portuguese men-of-war, distribution of ecological forms, USSR study 5311
Packaging:
early potatoes, Alabama and Florida, prepackaging at production points 4358
McIntosh apples, some effects on quality, in New York City 4334
steel products, recommendation of trade, amendment 4557
Pakistan, agricultural commodities, agreement 5738
Pamphlets, *see* names of departments, etc., issuing pamphlets—*also* subjects.
Panama, Army mission, agreement 5737

Entry

Panama Canal, *see* Canal Zone.
Panels (aircraft):
flutter, titanium skin, flat and curved, at supersonic speeds 5595
Pankratz, Louis B., high temperature heat contents and entropies of sesquioxides of erbium, etc 5501
Paper:
current industrial reports, 1961, change 4579
current industrial reports, 1962 4584
see also names of articles manufactured from paper.
Paper mills, opportunities for development in western Colorado 4992
Paperboard:
current industrial reports, 1961, change 4579
current industrial reports, 1962 4584
Parameters, correlation, use to improve estimates of mean and variance of streamflow 5023
Park, J. K., combine cutting and feeding mechanisms in Southeast 4374
Park, John J., metallic reactions in uranium recovery 4484
Parker Dam and power plant, general information 5707
Parker-Davis project:
general information 5705
Parker Dam and power plant, general information 5707
Parks, *see* National parks.
Particleboard, *see* Pulpboard.
Particles, vertical migration in front of moving freezing plane 4842
Patashnik, Max, accuracy of net-weight determinations for frozen glazed halibut steaks 4947
Patent Office Scientific Library, periodicals 5669
Patent Office Workshop on Information Retrieval, International, *see* International Patent Office Workshop on Information Retrieval.
Patents:
American system, celebration in observance of 125th anniversary of U.S. patent act of 1836, proceedings 5666–67
classification manual, replacement pages 5668
code of Federal regulations 4922
publications, price list 5682
regulations of Sweden 5075
Pathology, newborn children, primary problems, USSR study 5261
Patients in mental institutions 5625
Patterns, recognition by correlation method, USSR study 5274
Paull, Stephen, magnetic core voltage-to-frequency converter 5606
Pavements:
Army airfield and heliport, engineering and design manual 4862
military installations—
flexible, design for roads, streets, etc., engineering manual 4865
rigid, for airfield, engineering and design, manual 4863
Payrolls, benchmarks for BLS payroll employment statistics, 1959 5458
Peace, food for peace program, around world, community feeding programs manual 5093
Peace Corps, Deputy Director, nomination of Bill D. Moyers, hearing 4775
Peace River:
flood control, etc., engineer report—
departmental edition 4856
document edition 4689

Entry

Peanuts, price summary, 1920–62 4332
Pearson, Albin O.:
aerodynamic, etc., characteristics of nonlifting reentry capsule in combination with rocket booster 5565
wind tunnel investigation of static aerodynamic characteristics of Project Mercury capsule 5563
Pecos River, depletion in New Mexico, causes 5037
Peer ratings, *see* Ratings.
Pellets, feeding pelleted rations to beef cattle 4375
Pennsylvania, annual survey of manufactures, 1961, States, standard metropolitan statistical areas, and large industrial counties statistics 4565
Pennsylvanian period, geology of rocks, Tremont quadrangle, Pa 5013
Pensacola, Fla., and challenge of trade expansion (address) 5091
Pensions:
unfunded plans, prevalence and characteristics 5460
veterans—
aphonia, additional compensation, report 4732
service-connected deafness of both ears, additional compensation, report 4730
welfare and pension plans disclosure act, amendments 1962, legislative history 5723
Pentaborane, ram-jet engine fuel investigation, downstream fuel injection 5518
People's army (North Vietnam periodical):
translations 5339
Pepper, Leonard, aluminum-coated wires as reinforcement for concrete mattresses 4875
Perception, visual, of depth, effect of learning 5657
Performance ratings, *see* Efficiency ratings.
Periodicals:
Government, price list 5679
Patent Office Scientific Library 5669
publishing industry, outlook for 1963 and review of 1962 4544
Personality, Air Force officers, peer ratings as predictors of disciplinary problems 4462
Personnel administration, *see* Administrative management.
Personnel management, *see* Administrative management.
Personnel Research Laboratory, technical documentary reports 4401–7
Pests, forest pest leaflet 4981
Peterson, James P., buckling strength of pressurized cylinders, errata 5567
Petrash, Donald A., effect of surface energy on liquid-vapor interface configuration during weightlessness 5590
Petroleum:
oil productive formations, Mississippi and Alabama, analysis of brines 5493
oilfield equipment and machinery industry, outlook for 1963 and review of 1962 4547
products, survey (series) 5474
see also Naval petroleum reserves—Oil shale.
Petroleum engineering, Hall-Gurney oilfield, Russell County, Kans., study 5476

677108 O—63—No. 818——10

Entry

Petroleum products, *see* Petroleum.
Pharmacology and toxicology (USSR periodical):
translations 5352
Phase studies, determination of diffusivity and solubility in 2 phase systems 4481
Philadelphia, Pa.:
census of housing 1960, standard metropolitan statistical area, components of inventory change 4594
consumer expenditures and income, 1960, advance report 5437
Phosphate slimes, Florida, chemical and physical beneficiation 5490
Photographers, mate 2, navy training course 5656
Photographs, copyrighted 4790
Photography:
material evidence, investigating, USSR study 5164
photographer's mate 2, navy training course 5656
Photostress and flash blindness, study 4422
Phreatophytes, effect on Pecos River depletion in New Mexico 5037
PHS, *see* Public Health Service.
Physical fitness, youth programs, message from the President 4728
Physical sciences, *see* Science.
Physicians, Bulgaria, Institute for Specialization and Advanced Study of Physicians 5147
Physics:
college, USAFI study guide 4793
East European journals, abstracts 5278, 5421
major principles for general education, evaluation list 4826
physico-chemical state and metabolic path of radiocerium solutions, research study 4470
see also Plasma.
Physiologists, southern RSFSR, conference report 5268
Pickett, A. G., elastomeric materials used in aerospace systems 4391
Piers, permits for work in navigable waters 4867
Piezoelectricity, substances, transistorized control systems for information storage device, USSR study 5211
Pigeons, mourning dove status report, 1962 4972
Pigs, *see* Swine.
Pilot guides, *see* Coast pilots.
Pilots and pilotage, *see* Aviators.
Pine:
ponderosa—
growth, curves in Nebraska windbreaks 4989
uniformity among growth layers in 3 specimens 5721
Piñon, aerial volume tables for pinyon-juniper stands 4983
Pinto Basin, hydrologic and geologic reconnaissance 5028
Pinyon, *see* Piñon.
Pipe and pipe fittings, metal, with plastic lining, new method, USSR 5346
Pipestone National Monument, general information 5641
Placement, *see* Child placing.
Plane coordinates, *see* Coordinates.
Planetary science, research in space exploration, papers 5542
Planets, rotating, Z-function solutions for motion and heating during atmospheric entry from equatorial orbits 5583

Entry

Planning (economics), *see* Economic policy.
Planning (programming), *see* Programming (planning).
Plans, *see* Architecture.
Plants:
deer browse, southern forests 4980
quarantine import requirements of—
France 4344
Luxembourg 4345
Plants (industrial):
safeguarding classified information, industrial security manual 4796
Plasma:
physics, and magnetohydrodynamics, bibliography 4439
rarefied, magnetic field of line current in transverse stream 5582
Plastics, materials industry, outlook for 1963 and review of 1962 4534
Plates (metal, etc.):
steel, effect of metallurgical variables on transition temperatures in drop-weight and Charpy V-notch tests 5715
Plowshare Program (nuclear test effects) 4494
Plywood:
Douglas fir, standard of trade, amdt 4511
softwood—
industry, outlook for 1963 and review of 1962 4551
western, standard of trade, amdt 4512
Pneumatic drills, *see* Drills (tools).
Pneumatic systems, *see* Compressed air.
Pneumoautomation, *see* Automation.
Pocket guides, Vietnam 4436
Poisons, Bulgaria, production, sale, storage, etc., regulations 5286
Poland:
legal journals, abstracts 5246
provincial press, summary 5253
Political economy, *see* Economics.
Politics:
Communist China, translations 5127, 5187, 5222, 5232, 5321, 5327, 5338, 5363, 5414.
Eastern Europe, translations 5108, 5128, 5256, 5290, 5379, 5411
Mongolia, political information 5221
North Vietnam, translations 5322
Pollination, *see* Fertilization of plants.
Pollution of air, *see* Air pollution.
Ponderosa pine, *see* Pine.
Pooling:
cotton allotments of Billie Sol Estes, Agriculture Dept. handling, hearings, errata 4780
feeder pig, improved marketing, etc 4357
Population:
census, 1960—
places of work and means of transportation to work 4576
supplementary reports 4575–76
control, reproduction aspects, research survey 5627
current population reports 4587
population characteristics, series 4585–86
population estimates, series 4588–89
special censuses series 4590–91
growth, world problem, statement of U.S. policy 5727
trends, national, 1790–1960 5039
United States—
estimates, 1950–62 4588
estimates, Jan. 1, 1950–Jan. 1, 1963 4589
recent trends, rural areas, etc 4803
see also names of States, etc.

Entry

Porte, William S., commercial production of tomatoes 4349
Portland, Oreg., west-side business district, problems of utilizing ground water 5038
Portugal, creation of new judicial districts 5391
Portuguese man-of-war, ecological forms, distribution in northern Pacific Ocean, USSR study 5311
Post Office and Civil Service Committee, House, investigations and studies, matters within its jurisdiction, authorization, report 4736
Post Office and Civil Service Committee, Senate:
  clerical assistant, employment, report 4770
  investigations and studies, postal service and civil service, authorization, report 4769
  reports 4769–70
Post Office Department:
  directory of international mail 5671
  domestic air mail transportation system, map 5672
  research, development and mechanization 5673
Postal Savings System, report of operations, 1962 4708
Postal service:
  accelerated business collection and delivery (address) 5670
  contract mail haulers, Federal wage-hour law application 5765
  investigation, authorization, report 4769
  research, development and mechanization 5673
  see also Air Mail—International postal service.
Posters, educational aids 4950–51
Postmasters, 4th class, examinations, instructions to applicants 4624
Potatoes:
  certified seed report, 1962 5750
  early, Alabama and Florida, prepackaging at production points 4358
  spring, acreage marketing guides 4330
Poultry:
  and products inspection and grading programs, list of approved chemical compounds 4333
  inventory, 1963 5747
  publications, price list 5681
Powder metallurgy, *see* Metallurgy.
Power, E. A., advance report on fisheries of United States, 1962 4939
Power:
  input to small flat plate from diffusely radiating sphere with application to earth satellites, spinning plate 5580
  machinery, USSR industrial development, translations 5353
  nuclear energy for space propulsion and auxiliary power, hearings, index 4665
  see also Electricity.
Power plants, *see* Nuclear reactor power plants.
Power resources, papers prepared for United Nations Conference 5094
Powers, Joseph M., teaching machines, ASTIA bibliography 4440
Prasky, Charles, differential sulfatizing process for recovery of ferrograde manganese 5487
Pravda (periodical):
  editorials, translations 5151, 5171, 5199, 5223, 5252, 5288, 5307, 5355, 5377, 5388, 5416

Entry

Prayers:
  school—
    not establishment of religion, hearings 4787
    permit, amend Constitution, hearings 4787
    permit prayerful meditation, hearings 4787
Precision endless-loop magnetic tape recorder for space applications 5579
Precision instruments, components, initial failures, study 5659
Prediction (psychology):
  peer ratings as predictors of disciplinary problems 4462
  speech discrimination scores, prediction from test information 4423
Prepackaging, *see* Packaging.
Prescription for progress, development loan program to help your community 5717
Preserves, definitions and standards 4975
President of United States:
  messages, *see*, in main alphabet, subject of message.
  papers, index series 5466
President's Council on Physical Fitness, general information 5675
President's Panel on Mental Retardation, highlights 4598
Presnell, John G., jr., panel flutter results for flat and curved titanium skin panels 5595
Press:
  American, pro-Castro forces attempts to pervert, testimony of Carlos Todd, hearing 4784
  Bulgarian provincial, summary 5156
  Czechoslovak provincial, summaries 5120, 5178, 5272
  Hungarian provincial, summaries 5197, 5329
  Indonesian survey 5357
  Polish provincial, summary 5253
  Rumanian provincial, summaries 5165, 5319, 5393
Pressure:
  base, of simple wing-body, effect of multiple-jet exits 5555
  distribution, flat-face cylinder at Mach number range of 2.49 to 4.44 5554
  force and pressure measurements on canopy-fuselage configurations 5531
  forming of aluminum oxide 5500
  level, effect on afterburner-wall temperatures 5527
  static, characteristics on forward parts of 9 fuselages of various cross-sectional shapes at Mach number of 2.01 5533
  see also Atmospheric pressure.
Pressure gages, inclined-piston deadweight 5478
Prevention of accidents, *see* Accidents.
Price lists, *see* Government publications—*also* subject.
Prices, indexes, inventory, department stores 5451
  see also names of commodities.
Priem, Richard J., comparison of injectors with 200-pound-thrust ammonia-oxygen engine 5526
Primary problems in pathology of newborn children, USSR 5261
Printing machinery industry, outlook for 1963 and review of 1962 4549
Prints, art work, copyrighted 4790
PRL, *see* Personnel Research Laboratory.

Entry

Probes, moon, periodic orbits 5609
Procurement, *see* Navy Department—*also* names of subjects procured.
Produce, *see* Agricultural products.
Production:
expense, value is relation to utility, Chinese economist views 5369
linear programming application in planning of assortment, USSR study 5287
national defense, report 4766
research reports 4373–75
Professional guide PSD–PG (series) 4607
Professional papers, Geological Survey 5019–24
Program aid series 4367–71
Programming (planning):
system for Defense Dept 4798
Project Mercury (man-in-space program):
aerodynamic characteristics of capsule model, wind tunnel investigation at Mach nos. .0.50 to 1.14 5563
third U.S. manned orbital space flight, results 5540
Project Relay:
1st space communications experiment designed to link 3 continents 5536
supplement 5537
Prokopovitsh, A.S., tungsten in 1962, preliminary 5504
Pronghorn antelope 4949
Propellants, rocket, liquid-vapor interface configuration, effect of surface energy during weightlessness 5590
Propulsion:
air-turborocket engine performance 5520
electric, for spacecraft, papers 5550
nuclear, aircraft, 3 cycles 5511
rockets—
chemical, papers 5547
nuclear, papers 5548
system, lunar landing considerations 5610
Protective shelters:
components catalog 4607
fallout, schools, guide for administrators 4608
management, instructor's guide 4606
Protective Structures Division, professional guide PSD–PG (series) 4607
Proteinases, type B Cl. botulinum proteinase, isolation, etc., USSR study 5109
Protons, 40 and 440 Mev, irradiation effects on transistors 5574
PSD–PG series 4607
Psychology:
engineering, central problems, USSR study 5408
work activity of man and technical progress, USSR study 5242
PT boats, operations in Navy during World War II, at close quarters 5653
Public assistance, cases, reasons for opening and closing 4876
Public Documents Division, price lists 5679–82
Public domain, *see* Public lands.
Public health, *see* Health.
Public Health Service, traineeship program for professional nurses, short-term training courses 5695
Public information, science, responsibilities of technical community and Government in transfer of information 5677

Entry

Public lands:
hydrology of public domain (series) 5026, 5028
statistics, 1962 5462
see also Homesteads.
Public property, code of Federal regulations 4924
Public relations, role in marketing U.S. as tourist destination (remarks) 5763
Public Roads Bureau, report, 1961 5699
Public schools, *see* Schools.
Public utilities, coordination with Government in atomic power program (remarks) 4499
Public works:
accelerated program, maximum grants-in-aid for eligible areas, supp 4430
code of Federal regulations 4924
pumping stations for flood protection projects, mechanical and electrical design, engineering manual 4861
Public Works Committee, Senate:
additional staff and funds, report 4767
report 4767
Publications, *see* Government publications—*also* names of departments, etc., issuing publications—*also* subjects.
Publishing:
industry—
books, outlook for 1963 and review of 1962 4538
periodicals outlook for 1963 and review of 1962 4544
Pueblo Indians:
Sia Pueblo, N. Mex., bulletin—
departmental edition 4428
document edition 4670
Pugwash conferences, Soviet article 5238
Pulp:
current industrial reports, 1961, change 4579
current industrial reports, 1962 4584
Pulp mills, opportunities for development in western Colorado 4992
Pulpboard:
current industrial reports, 1962 4584
hardboard industry, outlook for 1963 and review of 1962 4530
particleboard industry, outlook for 1963 and review of 1962 4526
Pumping stations:
design and layout, engineering manual 4860
local cooperation and general considerations in planning and design, engineering manual 4859
mechanical and electrical design, engineering manual 4861
Pumpkins, growing 4350
Pumps, industry outlook for 1963 and review of 1962 4532
Putnam, P. A., feeding pelleted rations to beef cattle 4375
Pyridine nucleotide oxidases and transhydrogenase in acclimatization to high altitude 4410

Q

Quan doi nhan dan (periodical):
translations 5339
Quarantine, *see* subjects.
Quarries and quarrying, vibrations from instantaneous and millisecond-delayed quarry blasts 5479
Quarters, Veterans' Administration housekeeping, Los Angeles, renovation, GAO review 5007
Quarternary period, deposits, west-central Oregon, mineral resources study 5015

Entry

Quigley, Hervey C., handling qualities and operational problems of large 4-propeller STOL transport airplane 5599

R

R.E.A., *see* Rural Electrification Administration.
Raber, M., wet steam as reactor coolant (CAN-2), etc 4497
Race problems, freedom to the free, 1863 century of emancipation 1963 4609
Radiation:
earth, power input to small flat spinning plate from diffusely radiating sphere application to satellites 5580
food preservation by irradiation, bibliography 4553
genetics, problems, USSR book 4472
irradiation, effects of 40 and 440 Mev protons on transistors 5574
stability of organic fluids, progress report 4493
sub-sterilization doses, effects on storage life extension of soft-shelled clams and haddock fillets, final summary 4486
see also Ionizing radiation.
Radiation detection instruments, *see* Scintillation.
Radiation illness:
preirradiation prophylaxis and post-irradiation therapy 4412
USSR study 5111
Radio communication, amateur service, FCC rules and regulations 4886
Radio frequencies:
above 30 megacycles per second, agreement with Canada 5729
fading correlation bandwidth and short-term frequency stability measurements on high-frequency transauroral path 5620
Radio frequency modulation, FM's past history, present status, and future (address) 4885
Radioactive isotopes, *see* Isotopes.
Radioactive substances, safety rules for working with radioactive materials 4475
Radioactivity:
fallout—
and your farm food 4368
livestock survival after nuclear attack 4369
nuclear attack effects upon soil and crops 4367
program, quarterly summary report 4479
school shelter guide 4608
Radiobiologiya (periodical): translations 4473–74
Radiobiology, radioactive elements in body and their excretion 4469
Radiobiology (USSR periodical): translations 4473–74
Radiometry, scintillation method 4471
Railroad cars, *see* Freight cars.
Railroads, lessors and proprietary companies, transport statistics, 1961 5107
Railway cars, *see* Freight cars.
Ram-jet engines, *see* Engines (aircraft).
Rambosek, Albert J., stresses in drill bit and rock under static loads 5495
Ramey, James T., remarks, Jan. 31, 1963 4499
Ramie, fiber, mechanical harvesting and ribboning 4373

Entry

Range finders, SVV-1 light, field tests 5298
Rankorder estimates of time required for crosstraining among 98 airmen specialties 4401
Rashis, Bernard, ablation, analytical investigation 5564
Rasps, *see* Files and rasps.
Ratings, peer, Air Force officers, predictors of disciplinary problems 4462
Rations, *see* Food for livestock.
Raw materials, supplies, contribution of imports to U.S., 1961 5086
Rawles, Beverly A., guide to scientific and technical literature of Eastern Europe 5646
REA, *see* Rural Electrification Administration.
REA bulletin 5712
Reactions (chemical), *see* Chemical reactions.
Reactor fuel elements, fuel bearing fiberglas in aluminum-base fuel elements, fabrication properties, report 4492
Reactor power plants, *see* Nuclear reactor power plants.
Reactors (atomic):
coolants, wet steam under fog flow conditions, investigation 4497
in-core instrumentation, telemetering 4478
light water-moderated fog-cooled, conceptual design evaluation 4497
M.I.T. in-pile loop, irradiation of Santowax OMP—
equipment design, etc 4483
summary 4482
rockets, use of advanced nuclear materials 4491
Tory II-A, nuclear ramjet test reactor 4495
Ready Reserve, *see* Reserve components of Armed Forces.
Recipes, community feeding programs, manual for leaders 5093
Reclamation Bureau, publications available for sale, list 5708
Records:
employers, kept under fair labor standards act—
general requirements 5767
miscellaneous exemptions, etc 5768
Recreation:
outdoor, Federal legislative proposals and plans (remarks) 5665
research and management for recreation, work of Fish and Wildlife Service 4950
specialist, examination announcement 4613
Recruiting and enlistment:
reenlistment of undesirable military personnel, GAO review 5006
strategy with fluctuating availability and known demand, evaluation 4406
Red flag (Chinese periodical): translations 5407
Red River Parish, La., water resources 5036
Redevelopment (city planning, etc):
accelerated public works program, maximum grants-in-aid, supp 4430
helping people to help themselves in country and in towns, overall economic development program 4352
statistical profile, Ashtabula-Conneaut, Ohio area 4655
urban renewal, problems and promise (remarks) 5764
Reenlistment, *see* Recruiting and enlistment.

Entry

Reentry vehicles, *see* Spacecraft.
Refining, *see* Zone refining.
Refractory materials, compatibility of molten uranium dioxide 5572
Refractory metals, *see* Metals.
Refrigeration and refrigerating machinery, equipment industry, outlook for 1963 and review of 1962 4524
Refugees, Cuban, problems, hearings 4786
Refuges, *see* Wildlife refuges—*also* names of refuges.
Registers:
  Air Force—
    departmental edition 4388–89
    document edition 4712–13
Regulations, *see* Code of Federal regulations—*also* names of departments, etc., issuing regulations—*also* subjects.
Rehabilitation of the disabled, multiple disability facilities planning, compilation of studies 5691
Relay, *see* Satellites.
Relief work, *see* Foreign aid.
Religions:
  Christian, Jewish, and Moslem scriptures, Soviet critique 5424
  USSR, translations 5236, 5336
Renal diseases, *see* Kidneys.
Renal regulation of bicarbonate loads during hypothermia 4418
Renegotiation Board, ruling 5710
Renovizing, Veterans' Administration housekeeping quarters, Los Angeles, GAO review 5007
Rent, redeemable ground rent payments, deduction report 4741
Repair parts:
  automotive, wholesaling, Federal wage-hour law, application 5766
  Navy Department, failure to use excess parts and assemblies in aircraft production, GAO review 5063
Reports, *see* names of departments, etc., issuing reports—also subjects.
Reproduction, processes of self-reproduction and evolution, attempt at modelling, USSR study 5244
Republic of Cameroon, *see* Cameroun.
Republic of Cameroun, *see* Cameroun.
Republic of China, *see* China.
Republic of Congo (Leopoldville), *see* Congo (Leopoldville).
Republic of Senegal, *see* Senegal.
Research:
  Post Office Department, report 5673
  research program which will help up-grade local economy (remarks) 4433
  See also Scientific research—*also* names of departments, etc., doing research—*also* subjects.
Research and development reports, Atomic Energy Commission 4469–97
Research institutes, Soviet institutions, planned expenditures 5157
Research laboratories, *see* names of laboratories or places where located.
Research memorandums, National Advisory Committee for Aeronautics 5509–34
Research notes, Rocky Mountain Forest and Range Experiment Station 4985–89
Research paper, Intermountain Forest and Range Experiment Station 4983

Entry

Research reports, Cold Regions Research and Engineering Laboratory 4840–42
Reserve banks, etc., *see* headings beginning Federal reserve.
Reserve components of Armed Forces, reserve forces act of 1955, information for enlisted trainees, pamphlet 4456
  see also National Guard.
Reservoirs, hydrology of stock-water development in Ely grazing district, Nev 5026
Residences, *see* Houses.
Resistance, *see* Electric resistance.
Resolutions, *see* House bills—Senate bills.
Resonance, *see* Magnetic resonance.
Respiration, injuries, USSR studies 5220
Retail trade, careers for women 5772
Retirement:
  Air Force officers, prediction 4403
  social security benefits, you don't have to retire completely to get them 5661
  see also Coast Guard—Pensions.
Revenue, State and local governments in Great Plains 4802
Rewards (prizes, etc.):
  Lenin prizes, 1963, works submitted in competition 5153
  recognition of employees, supervisor development program, basic course 4447
Reynafarje, Baltazar, pyridine nucleotide oxidases and transhydrogenase in acclimatization to high altitude 4410
Reynolds, Hudson G.:
  effect of logging on understory vegetation and deer use in ponderosa pine forest of Arizona 4987
  use of natural openings in ponderosa pine forests of Arizona etc 4986
Rhenium, obtained from USSR powder metallurgy 5404
Rhodesia and Nyasaland, Federation of, *see* Federation of Rhodesia and Nyasaland.
Rice:
  situation and outlook, 1963 4805
  U.S. exports under Government programs, 1961–62 4977
Richmond, Va.:
  occupational wage survey—
    departmental edition 5446
    document edition 4702
Riggs, C. H., petroleum engineering study of Hall-Gurney oilfield 5476
Rights (civil), *see* Civil rights.
Rights of persons, *see* Civil rights.
Rivers, basin development, papers prepared for United Nations conference 5094
Riverside, Calif.:
  occupational wage survey—
    departmental edition 5438
    document edition 4694
Riverside County, Calif., Pinto Basin, Joshua Tree National Monument, reconnaissance 5028
Roads and highways:
  code of Federal regulations 4909
  effect of road design on hauling costs of logs, logging road handbook, addenda 4347
  Federal-aid program—
    progress (remarks) 5700
    Virginia, design, etc., GAO review 5008
  highway progress, 1962 5699
  military installation, flexible pavement design for streets, walks, etc., engineering manual 4865

Entry

Robins, A. Warner, force, etc., measurements on canopy-fuselage configurations 5531
Robinson, W. E., oxidation of Colorado oil shale 5492
Rock Creek Park, general information 5642
Rock drilling, stresses of drill bit and rock under static loads 5495
Rock Island, Ill.:
  occupational wage survey—
    departmental edition 5445
    document edition 4701
Rockets:
  air-turborocket engine performance 5520
  electrostatic, applying field-ion emission 5585
  engine, ammonia-oxygen, injector techniques with 200-pound-thrust 5526
  injection processes for 15-percent fluorine-85-per-cent oxygen and heptane in 200-pound-thrust engine 5524
  liquid-vapor interface configuration, effect of surface energy during weightlessness 5590
  lunar landing propulsion considerations 5610
  mastodon or orbital rendezvous, USSR study 5397
  nonlifting reentry capsule in combination with rocket booster, static aerodynamic and control characteristics 5565
  nuclear—
    materials, advanced research 4491
    propulsion, papers 5548
    space exploration missions (remarks) 4500
  operating, study of ballistic missile base heating 5530
  propulsion, chemical, papers 5547
  solid-propellant engine, erosion resistance and failure mechanisms of nozzle materials 5603
  sounding, air launched from F-140a airplane, use as 1st-stage booster, operational aspects 5568
  200-pound-thrust JP-4-nitric acid engine, low-temperature chemical starting using 3-fluid propellant value 5517
Rocks, Pennsylvanian age, Tremont quadrangle, Pa., geology 5013
Rocky Mountain Forest and Range Experiment Station:
  research notes 4985–89
  station papers 4990–92
Rocky Mountain States, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
Rogue River Basin:
  flood control survey, engineer report—
    departmental edition 4868
    document edition 4684
Rolls, L. Stewart, flight evaluation of lunar landing trajectories, etc 5601
Rome, N.Y., water resources of area 5030
Rosin, *see* Naval stores.
Roterus, Victor, remarks, Feb. 6, 1963 4433
Roth, H. P., technical papers of 13th metallographic group meeting 4488
Rothman, Stuart, address, Feb. 15, 1963 5629
Rotors, turbine blades, small air-cooled, temperatures and coolant pressure losses for cascade 5528

Entry

RSFSR, *see* Russian Soviet Federated Socialist Republic.
Rules, *see* names of courts, commissions, etc., issuing rules—*also* subjects.
Rules Committee, House, reports 4734–38
Rumania, provincial press, summaries 5165, 5319, 5393
Rural communities:
  helping people to help themselves, overall economic development program 4352
  population, recent trends 4803
Rural Electrification Administration:
  materials acceptable on REA systems 5713
  REA bulletin 5712
  statistical report, 1961 5711
Rural life, *see* Country life.
Russell County, Kans., Hall-Gurney oilfield, petroleum engineering study 5476
Russian language guide, Air Force pamphlet 4387
Russian Soviet Federated Socialist Republic, physiologists conference 5268
Ruud, F. O., stress analysis of hydraulic turbine parts 5706
Ryker, Russell A., methods and costs of killing hardwood culls 4979

S

S.A.M., *see* School of Aerospace Medicine.
Sabbatical leave, *see* Leave of absence.
Sacramento National Wildlife Refuge, general information 4958
Safety of life:
  fallout and your farm food 4368
  farmwork, safety, and you, discussion for youth leaders, teachers, etc 5433
  fishermen, captains, and owners of New England fishing vessels, safety suggestions and practices 4942
  industrial safety, mechanical and physical hazards (series) 5432
  management safety policy statements, guide 4928
  radioactive materials, safety work rules 4475
  rural fire defense preparation for survival 4370
  safety digest 4442
  safety of public at Federal installations (address) 4929
  supervisors development program, basic course 4449
  survival of extreme vertical impact in seated position 4504
Saguaro National Monument, general information 5643
Sailfish, ecological forms, distribution in northern Pacific Ocean, USSR study 5311
Sailing directions, *see* names of localities.
St. Croix River, Maine to Little River, N.C., light list 4640
St. Louis, Ill.:
  occupational wage survey—
    departmental edition 5444
    document edition 4700
St. Louis, Mo.:
  occupational wage survey—
    departmental edition 5444
    document edition 4700
St. Paul, Minn., income, education, and unemployment in neighborhoods 5457

Entry

Sales, *see* names of commodities, etc.
Saline water, *see* Water—Water supply.
Salmon:
chum, resources of Alaska from Bristol Bay to Point Hope 4970
spawning riffle, interchange of stream and intragravel water 4969
Salmons, Ruth M., school lunches, 1952–61, list of selected references 5617
Salt, molten, reaction rate of titanium and titanium subchlorides in 5489
Salt Plains National Wildlife Refuge, mammals 4966
Salt water, *see* Sea water.
Salts, fused-salt electrolysis of tungsten, experiments 5481
SAM, *see* School of Aerospace Medicine.
Sample questions and directions 4630
San Andres National Wildlife Refuge, mammals 4963
San Bernardino, Calif.:
occupational wage survey—
departmental edition 5438
document edition 4694
Sander, D. H., growth curves for ponderosa pine in Nebraska windbreaks 4989
Sanders, William A., compatibility of molten uranium dioxide with 5 refractory materials 5572
San Gabriel River:
beach erosion control study, engineer report—
department edition 4869
document edition 4693
watershed improvement, engineer report—
departmental edition 4870
document edition 4692
Sanitation:
migratory farmworkers, provide facilities for, hearings 4789
translations from Gigiyena i sanitariya 5141
Sanitoriums, *see* Tuberculosis.
San Juan Magnetic Observatory, magnetograms and hourly values 4634
Santa Monica, Calif., wind distributions as function of altitude 5588
Santowax OMP:
irradiation in M.I.T. in-pile loop reactor—
design equipment, etc 4483
summary 4482
Saprolite, Virginia ores, flotation of ilmenite 5498
Satellites:
astronomical observatory, orientation and control 5604
communications—
act of 1962, activities, report 4722
FCC rules and regulations 4887
networks, etc 5611
Nimbus, and its communications system 5571
orbit computation program for Izsak's 2d order solution of Vinti's dynamical problem 5578
power input to small flat spinning plate from diffusely radiating sphere 5580
Project Relay, 1st space communications experiment designed to link 3 continents 5536
supplement 5537
Saturn SA-1 model lateral vibration characteristics, investigation 5592

Entry

Satellites—Continued
torques produced by magnetic field on rotating cylinders, etc 5613
Saudi Arabia:
economy, basic data 5068
market for U.S. products 5092
preparing shipments to 5071
Savannah (nuclear ship):
maritime matters, use of German territorial waters and ports, agreement with Federal Republic of Germany 5736
Savery-Pot Hook project, construction, etc., hearing 4783
Savin, Raymond C., solutions for flow about flat-top wing-body configurations 5510
Savings and loan associations, movement in South America (address) 4891
Sawyer, Robert K., military advisors in Korea, KMAG in peace and war 5468
Saxon, James J., remarks, Feb. 22, 1963 4658
SB series 4553–54
SBA, *see* Small Business Administration.
Scale model studies on snow drifting 4840
Scallops, sea, fluctuations in populations of Maine, method of predicting 4946
Schechter, Samuel, benchmarks for BLS payroll employment statistics 5458
Scherrer, Richard, lateral-control and dihedral effect of wing-body combination with variable-incidence triangular wing and wing-tip ailerons, etc 5509
Schirra, Walter M., jr., space flight, orbital, results 5540
Scholarships, aerospace information sources 4824
School buildings, federally affected areas, construction assistance, annual report, 1962 4806
School facilities service 4822
School libraries, *see* Libraries.
School lunches, selected references, 1952–61, list 5617
School of Aerospace Medicine:
aeromedical reviews 4409
technical documentary reports 4410–23
School supplies, and equipment administration, selected references 4822
Schools:
administrators, fallout shelter guide 4608
boarding, conclusions based on educational work, USSR study 5116
enrollment, decline in rate of increase 4585
federally affected areas, operation assistance, annual report 1962 4806
graduates, advanced work allocation, regulations on labor ministry organization and state council notice, Communist China study 5314
prayerful meditation, permit, hearings 4787
prayers, not establishment of religion, hearings 4787
prayers, permit, amend Constitution, hearings 4787
public, bond sales, 1961–62 4807
see also Elementary education—High schools.

Entry

Schriever, B. A.:
addresses—
Nov. 13, 1962 4399
Nov. 15, 1962 4395
Science:
Academy of Sciences, USSR, Department of Chemical Sciences, general meeting 5162
articles from Doklady Akademi i Nauk, USSR 5134
Communist China, translations 5169
East European journals, abstracts 5121, 5173–75, 5206–8, 5243, 5275–78, 5308–10, 5350, 5381–84, 5420–21
earth sciences 5275, 5310, 5381
East European literature, guide 5646
management challenge of the sixties (address) 4399
modern, need for cadres, USSR study 5203
physical, selected services, major principles—
biological sciences of importance for general education, list 4825
physics, chemistry, geology of importance for general education, list 4826
readings on applications to problems of less-developed nations 5097
supervision for quality education 4828
transfer of information, responsibilities of technical community and Government 5677
USSR—
activities 5259
conference of Moscow Engineering Physics Institute, 1962 5189
present tasks confronting 5269
see also names of sciences.
Science, technology, and development (series) 5094–96
Scientific research:
international organizations, library, documentation, and information services guide 5464
reproduction aspects related to birth and population control 5627
USSR—
achievements under communism, public inspection of plan fulfillment 5281
scientific education, developments, 1962 5399
Scientists, need for cadres in modern science, USSR study 5203
Scintillation, radiometry methods 4471
Scintillation counters, characteristics and use 4471
Scioto River Basin:
flood control survey, engineer report—
departmental edition 4871
document edition 4690
Scott, George S., flammability of trichloroethylene 5502
Screens, vinyl-coated glass fiber insect screening and louver cloth, standard of trade 4513
Screwworm, eradication, facts 4343
Sea, *see* Ocean.
Sea water, salt water/air interface, effects of impressed electrostatic fields 5050
Secondary schools, *see* High schools.
Security, *see* National security.
Seddon, J. Carl, model of quiet ionosphere 5605
Sedimentary rocks, marine evaporites, geochemistry data 5024
Sedimentation and deposition:
marine evaporites, geochemistry data 5024
wheat quality measure, 1962 crop 4363

Entry

Segregation, *see* Race problems.
Seidel, Harry, trial in East Germany 5129
Seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska 5026
Seismic waves, *see* Tsunami (tidal wave).
Seismology, *see* Earthquakes.
Selective Service System, report, 1962 5714
Senate bills 4762
Senate documents 4763–72
Senegal, investment law 5073
Separation processes, cobalt and nickel, separation and recovery by solvent extraction and electrorefining 5486
Sequoia National Park, general information 5644
Serial set (congressional) 4660–63
Serum and serumtherapy, extraction apparatus for determination of total serum lipids 4420
Service industries, East European, translations 5136, 5180, 5196, 5201, 5224, 5328, 5412
Severance, Roger D., preparing shipments to Saudi Arabia 5071
Severin, Sanford L., photostress and flash blindness study 4422
Sewage, intergovernmental responsibilities in metropolitan areas 4327
Shale, *see* Oil shale.
Shanklin, Edward H., effects of cotton ginning practices on market quality of cotton, Mississippi Delta variety, 1958–59 4360
Shannon, Ira L., in vitro performance of stannous fluoride prophylaxis paste and topical solution, etc 4416
Sheep, activities on crested wheatgrass lambing range 4985
Shells (structural):
pressurized, elastic stress distributions for cylinder-to-hemisphere and cone-to-sphere junctions 5587
Shelters (protective), *see* Protective shelters.
Shigo, Alex L., beech bark disease 4981
Shillito, Thomas B., effect of pressure level on afterburner-wall temperatures 5527
Ship Structure Committee, serial no. SSC 5715
Shipments:
preparing shipments to—
Federal Republic of Germany and West Berlin 5072
Finland 5084
Mauritania 5079
Saudi Arabia 5071
Viet-Nam 5066
see also names of articles shipped.
Shipping:
Code of Federal regulations 4904
regulations, foreign trade (remarks) 4901
Shipping conferences, regulations, foreign trade (remarks) 4901
Ships:
merchant vessels, equipment, Coast Guard approved lists 4639
self-exciting synchronous generators, USSR study 5144
Shock (biological), *see* Electric shock.
Shock waves, vibrations from instantaneous and millisecond-delayed quarry blasts 5479
Shops, *see* Machine shops.
Shrimps, landings, 1959, summary 4935

Entry

Sia Pueblo:
American Ethnology Bureau bulletin—
departmental edition 4428
document edition 4670
Sick, disability days due to injury, U.S. statistics, July 1959–June 1961 5687
Sick leave, *see* Leave of absence.
Siegenite, flotation in complex sulfide table middling from southeast Missouri 5475
Signorelli, Robert A., erosion resistance, etc., of nozzle materials in small solid-propellant rocket engine 5603
Silica, solid solubility in magnesium, effect of indium 5496
Simplified practice recommendations 4555–57
classified list revised Jan. 1, 1963 4510
Sino-Soviet dispute 4435
Sipple, Lloyd, arches and burners for oil-fired maple sap evaporators 4341
Skilled workers, *see* Labor.
Skin, cutaneous stimuli varying in both intensity level and duration, absolute identification 4502
Skin friction (aircraft):
compressible average, turbulent, calculations 5612
Skougstad, Marvin W., occurrence and distribution of strontium in natural water 5029
Skow, Milford L., mica, materials survey 5469
Slayton, William L., remarks, Feb. 11, 1963 5764
Slimes, *see* Phosphate slimes.
Small business, *see* Business.
Small Business Administration:
budget, 1964, decrease, proposal 4729
development loan program to help your community, prescription for progress 5717
Small Business, Select Committee on, House, creating, report 4734
Smelting:
electrorefining titanium, electrolytic methods of preparing cell feed 5488
separation and recovery of cobalt and nickel by solvent extraction and electrorefining 5486
Smith, G. Louis, torques induced by magnetic field on rotating cylinders, etc 5613
Smith, J. Donald, waterfowl status report, 1962 4971
Smith, J. W., wind distributions, Santa Monica, Calif 5588
Smith, Quentin M., experiment in dental prepayment, Naismuth dental plan 5684
Smith, Richard J., civil engineering bibliography on design and construction of nuclear facilities 4485
Smith, Thomas H., maternal and child health services, 1960 4599
Smithsonian Institution:
annual reports, 1849–1961, index—
departmental edition 5719
document edition 4671
board of regents executive committee report, 1962 5720
report of secretary, 1962 5720
Smithsonian miscellaneous collection 5721
Smolak, George R., altitude investigation of can-type flame holder in ram-jet combustor 5512

Entry

Snake River:
Burns Creek Dam and Reservoir, engineer report—
departmental edition 4837
document edition 4763
Snieszko, S. F., freshwater fish diseases caused by bacteria, etc 4956
Snow, drifting, scale model studies 4840
Snyder, Charles T., hydrology of stock-water development in Ely grazing district, Nev 5026
Snyder, Richard G., case of survival of extreme vertical impact in seated position 4504
Soap, industry, outlook for 1963 and review of 1962 4542
Social security:
benefits, you don't have to retire completely to get them 5661
financing your social security benefits 5663
law, old-age, survivors, and disability insurance benefits 5662
rulings on Federal old-age, survivors, and disability insurance 5722
Social work and problems, child welfare workers, training for placement responsibilities 4601
Social workers, child welfare workers, training for placement responsibilities 4601
Socialism:
Communist China, quantity of value, inquiry into calculating 5302
economic accounting problems, socialist, discussion among Chinese economists, Chinese study 5370
Sociology:
Communist China, translations 5127, 5182, 5222, 5232, 5321, 5327, 5338, 5363, 5414.
Eastern Europe, translations 5114, 5230, 5265
Israel, information 5389
North Vietnam, translations 5233
Soda (baking):
renal regulation of bicarbonate loads during hypothermia 4418
Sodium chloride, *see* Salt.
Sodium fluosilicate, process for recovering beryllium from Utah ore 5483
Softwoods:
lumber, Tariff Commission report 5752
plywood, industry, outlook for 1963 and review of 1962 4551
western, standard of trade, amdt 4512
Soil conservation, research in Great Plains States 4366
Soil temperature, *see* Soils.
Soils:
and fallout from nuclear attack 4367
control in military construction, technical manual 4458
temperature, Fort Yukon, Alaska 4844
Solar:
NOTE.—For other subjects beginning Solar, *see* Sun.
Solar system, neutrons sources 5608
Solids, surface tension, measurement, USSR study 5326
Solubility:
determination in 2 phase systems 4481
solid, of calcium and silicon in magnesium, effect of indium 5496
Solvents, *see* Extraction (chemistry).
Sound:
ultrasonics—
bibliography 4554
phenomena and methods of measurement, bibliography 5473

Entry

South (U.S.):
cost of transporting freight 5101, 5103
South America:
east coast, lights and fog signals, list 5651
savings and loan movement (address) 4891
west coast lights and fog signals, list, change 5652
South Atlantic States, *see* Atlantic States.
South Carolina:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
community effort in boll weevil control 4338
South Dakota, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4567
Southeast (U.S.):
combine cutting and feeding mechanisms 4374
Southeast Asia, *see* Asia.
Sovetskaya meditsina (periodical):
translations 5372
Sovetskoye gosudarstvo i pravo (periodical):
translations 5306
Soviet state and law (periodical):
translations 5306
Soviet Union, *see* Union of Soviet Socialist Republics.
SP series, *see* FMC SP series—NASA SP series—Statistical profile, redevelopment area, series.
Space, *see* Outer space.
Space age:
difficult decisions (address) 4395
United States space activities, 1962 4719
Space explorations, *see* Outer space.
Space flight, *see* Astronautics.
Space vehicles, *see* Spacecraft.
Spacecraft:
control, guidance, and navigation 5545
data acquisition 5544
elastic stress distributions for cylinder-to-hemisphere and cone-to-sphere junctions in pressurized shell structures 5587
electric propulsion, papers 5550
flight to moon by rocket-mastodon or orbital rendezvous, USSR study 5397
guidance of vehicle approaching earth, effect of deadband about desired perigee 5597
international tracking of space vehicles, 5th anniversary, program 5507
lunar landing trajectories using jet VTOL test vehicle flight evaluation 5601
lunar vehicle, equations for determining position in earth-moon space from simultaneous optical measurements 5596
manned, flight vehicle combustibles, fire and explosion hazards, review 5470
nonlifting reentry capsule in combination with rocket booster, static aerodynamic and control characteristics 5565
power 5549
Project Mercury capsule, static aerodynamic characteristics 5563
structures for space operations 5553
see also Satellites.

Entry

Spain, doing business in Spain, report of 1962 U.S. Machinery Trade Mission 5059
Spare parts, *see* Repair parts.
Spawn, salmon rifle, interchange of stream and intragravel water 4969
Specialists, airman specialties, rank-order estimates of time required for crosstraining 4401
Specifications, *see* Government supplies.
Speech, discrimination, prediction of scores from other test information 4423
see also Voice.
Speeches, *see* Addresses, lectures, etc.
Spin (aircraft):
1/20-scale model unswept-wing, twin-engine, observation airplane, investigation 5576
Spirochaeta pallida, *see* Treponema pallidum.
Spodumene, beryl-spodumene concentrates containing 10 to 30 percent beryl, treating by fluosilicate process 5480
Sport Fisheries and Wildlife Bureau:
fishery and wildlife biologists, careers, brochure 4940
operation and management of fishery resources 4941
Springfield, H. W., activities of sheep on crested wheatgrass lambing range 4985
Sputtering, effects with hydrogen ions on total hemispherical emittance of metallic surfaces 5598
Squash, growing 4350
Squire, James L., jr., distribution of tunas in oceanic waters of northwestern Atlantic 4952
SSC, *see* Ship Structure Committee.
Stability of aircraft:
airplane model with tail surfaces outboard of wing tips at Mach number of 2.01 5557
canard configuration, trapezoidal aspect-ratio-3 wing, effects of vertical location on stability and control 5556
lateral control and dihedral effect of wing-body combination with variable-incidence triangular wing and wing-tip ailerons at Mach number of 1.52 5509
scaled-speed elastic swept-wing bomber and fighter models coupled wing tip to wing tip, simulated flight investigation 5532
static and dynamic, airplane model with unswept wing and high horizontal tail 5538
static, blunt-nose 10° half-angle cone at Mach no. 15, free flight measurements 5566
Stabilizers, missile, supersonic jet tests 5560
Stainless steel, welded joints, influence of heat treatment on corrosion, USSR study 5241
Stakem, Thomas E., remarks, Jan. 24, 1963 4901
Stall (aircraft):
rotating, limits in supersonic turbofan engine 5525
Stallman, Robert W., calculation of resistance and error in electric analog of steady flow through nonhomogeneous aquifers 5032
La Stampa (periodical):
indexes 5122, 5160, 5279, 5390
La Stampa sera (periodical):
indexes 5122, 5160, 5279, 5390

Entry

Stampfl, Rudolf A., Nimbus spacecraft and its communications system 5571
Standard plans for highway bridges 5701–4
Standards and standardization:
classified list revised to Jan. 1, 1963 4509
commercial standard series 4511–13
Federal standards 4931
see also subjects.
Stankiewicz, N., applying field-ion emission to electrostatic rocket engines 5585
State banks, member banks of Federal reserve system, 1962, list 4927
State Department, commercial policy series 5724
States:
constitutional and statutory restrictions on local taxing powers 4328
constitutional and statutory restrictions upon structural, etc., powers of local government 4329
geographical names, decisions list 5012
government, continuity in emergency 4829
household food consumption and dietary levels, survey 4355
legislatures, apportionment 4326
model State economic development program (remarks) 4432
summer annual forage grasses 4348
see also headings beginning State—*also* names of States.
Static pressure, *see* Pressure.
Station papers, Rocky Mountain Forest and Range Experiment Station 4990–92
Statistical abstract, supplement, county and city data book, errata sheets 4577, 4673
Statistical profile, redevelopment area, series 4655
Statistical publications, *see* names of departments, etc., issuing publications.
Statistical Reporting Service, periodic reports, list 4372
Statistics, experimental, standard techniques for analysis and interpretation of enumerative and classificatory data 5664
see also subjects.
Steam, wet, under fog flow conditions, investigation 4497
Steel:
basic iron and steel, industry wage survey 5450
bearing, in liquid oxygen, boundary lubrication characteristics 5589
forging industry, outlook for 1963 and review of 1962 4531
industry, outlook for 1963 and review of 1962 4523
products, packaging, marking, and loading methods, recommendation of trade, amendment 4557
ship-plate, effect of metallurgical variables on transition temperatures in drop-weight and Charpy V-notch tests 5715
see also Stainless steel.
Stehling, K. R., lunar landing propulsion considerations 5610
Stemple, Ruth M., author-subject index to Smithsonian annual reports, 1849–1961 5719
Stepka, Francis S., temperatures and coolant pressure losses for cascade of small air-cooled turbine rotor blades 5528

Entry

Sterilization, sub-sterilization doses of radiation, effects on storage life extension of soft-shelled clams and haddock fillets, final summary 4486
Stern, Robert L., address, Jan. 15, 1963 4651
Stewart, Frederick H., marine evaporites 5024
Stieff, L. R., algebraic and graphic methods for evaluating discordant lead-isotope ages 5022
Still, George W., insecticide residues on grapes and in wine, studies 4337
Stock-water reservoirs, *see* Reservoirs.
Stocker, Frederick D., revenues and expenditures of State and local governments in Great Plains 4802
Stockpiling, *see* Strategic materials.
Stokers (mechanical):
Losch anthracite, performance in building-heating service 5477
Stokes, Mary:
occupational wage surveys—
St. Louis, Mo.-Ill 5444
Wichita, Kans 5439
Stoppers, cork, temporary suspension of duty, report 4743
Storage, military installations, flexible pavement design for open areas, engineering manual 4865
Stores, department stores, inventory price indexes 5451
Storms, coastal warning facilities chart, Morgan City, La. to Apalachicola, Fla., 1963 5770
Strains and stresses:
deformation of metals and alloys, effect upon crystal structure, USSR study 5402
drill bit and rock, stresses under static loads 5495
elastic stress distributions for cylinder-to-hemisphere and cone-to-sphere junctions in pressurized shell structures 5587
hydraulic turbine parts, stress analysis 5706
strength of pressurized cylinders in compression or bending, correlation with structural parameters, errata 5567
Strategic materials, critical material stockpiles, nickel, tungsten, and titanium contracts, investigation hearings 4772
Stratigraphy:
origin, etc., of deposits of Pleistocene Lake Bonneville 5019
Pennsylvanian, southern anthracite field 5013
Stratosphere, atlas of monthly mean charts, 1955–59, July–December 4390
Strawberries, diseases 4351
Streets, *see* Roads and highways.
Stress (psychological), *see* Tension.
Stresses (mechanical), *see* Strains and stresses.
Strom, Gordon H., scale model studies on snow drifting 4840
Strontium:
chemistry of strontium in natural water (series) 5029
occurrence and distribution in natural water 5029
Strontium isotopes, Sr-90, Health and Safety Laboratory fallout program, quarterly summary report 4479
Strontium oxide, heats and free energies of formation 5497
Structures, *see* Strains and stresses.

Entry

Students:
college, Federal career directory 4623
enrolled for advanced degrees, fall 1961, summary report on survey 4827
foreign, West German assistance, especially to students from Asia, Africa, and Latin America 5365
Iraqui, internal troubles, report 5368
Sturman, John C., micropower transistor logic circuits 5573
Subarctic region:
transporter, Rolligon Mark 4, subarctic evaluation 5756
Alaska 5754
Suitability of tubed foods for in-flight feeding 4394
Sulfates, differential sulfatizing process for recovery of ferrograde manganese 5487
Sulfur, production, etc., 1962, preliminary report 5503
Summer annual forage grasses in United States 4348
Summer employment in Federal agencies 4628
Sun, solar origin of atmospheric xenon 5607
Superior, Wis., Duluth-Superior Harbor wave action and breakwater location, hydraulic model tests 4874
Supersonic flow, *see* Flow.
Supersonic inlets, *see* Air inlets (aircraft).
Supervision for quality education in science 4828
Supervisors:
development program, basic course—
career management 4450
health and sick leave 4448
job instruction training 4445
performance appraisal 4446
personnel, selection and utilization 4444
recognition of employees 4447
role of supervisor 4443
safety 4449
school library supervision in State and local school systems 4823
Supplemental appropriations and estimates, *see* Appropriations.
Supplies, *see* Government supplies—School supplies.
Supply and demand, hogs, factors affecting supply 4377
Supreme Court, rules of civil procedure for district courts, adopted 4717
Surface tension, solids and liquids, measurement, USSR study 5326
Surgery, *see* Grafting (physiology).
Surveyors, surveying aid and technician, examination announcement 4612
Surveys, *see* subjects of surveys.
Survival:
rural fire defense preparation 4370
your livestock can survive fallout from nuclear attack 4369
Survivors insurance, *see* Old-age, survivors, and disability insurance.
Sutherland, E. C., properties of sintered wrought tungsten sheet at very high temperatures 5569
Swanson, Vernon F., flotation of ilmenite from Virginia saprolite, etc 5498
Sweden, patent and trademark regulations 5075
Swift, L. B., Igbo basic course 5726

Entry

Swine:
feeder pig pooling, improved marketing, etc 4357
price and spply of hogs, factors affecting 4377
Symposiums, chemistry of cement, proceedings 5619
Synthetic detergents, *see* Cleaning compounds.
Syria, decree regarding teachers association 5387
Szabo, Daniel, preparing shipments to Viet-Nam 5066

T

Tables (compilation), *see* Technical, scientific, and economic subjects.
Taft, H. M., community effort in boll weevil control 4338
Taft-Hartley act, *see* Industrial relations.
Tail-wing-fuselage combinations, *see* Airplanes.
Tamarisk, removal reduces water-table fluctuations in central Arizona 4988
Tantalum, semi-finished, production and properties, German study 5186
Tape recorders, precision endless-loop magnetic, for space applications, description 5579
Tariff:
act of 1930, amend, reports 4739, 4742, 4746, 4750
customs valuation under revised German law, 1962 5067
import tariff system—
Australia 5082
Burma 5077
Canada 5087
Federation of Rhodesia and Nyasaland 5070
Guatemala 5078
publications, price list 5680
see also names or classes of articles imported or exported.
Tariffs and trade, General agreement on, *see* General agreement on tariffs and trade.
Tarr, Cedric W., jr., administration of national security 4779
Tasmania, lights and fog signals, list, change 5652
Taxation:
Federal tax dates for small plants 5716
local taxing powers, State constitutional and statutory restrictions 4328
President's 1963 tax message, *see*, in main alphabet, Income tax.
President's tax and expenditures control program, key to economic policy in 60's (remarks) 5759
publications, price list 5680
tax program, stimulus to economic growth (remarks) 5760
see also Excise taxes—Income tax—Inheritance and transfer tax.
Taxonomy, categories, criteria, USSR study 5204
Taylor, A. R., jr., thermodynamic properties of cesium chloride and cesium iodide from 0° to 300° K 5484
TCREC technical reports 5758
Teachers, association in Syria, decree regarding 5387
Teaching, *see* subjects taught.
Teaching machines, bibliography 4440
Technical bulletins, Agriculture Department 4377

Entry

Technical documentary reports:
Electronic Systems Division 4396
Personnel Research Laboratory 4401–7
School of Aerospace Medicine 4410–23
Technical information bulletin, Atomic Energy Commission 4498
Technical manuals, Army Department 4458–59
Technical memorandums, National Aeronautics and Space Administration 5554–66
Technical notes:
National Aeronautics and Space Administration 5567–5610
National Bureau of Standards 5620
Technical papers:
Central States Forest Experiment Station 4979
metallographic group meeting 4488
Weather Bureau 5771
Technical reports:
AD–PB correlation index 4507
Aeronautical Systems Division 4391–94
Army Transportation Research Command 5758
Cold Regions Research and Engineering Laboratory 4843–44
National Aeronautics and Space Administration 5612–15
Naval Training Device Center 5657–58
Waterways Experiment Station 4874–75
Wright Air Development Division 4424
Technical research notes:
Army Personnel Research Office 4461–63
abstracts, 1962 4461
Technical research reports:
Army Personnel Research Office 4464–67
abstracts, 1962 4461
Technical Services Office:
correlation index of technical reports 4507
OTS selective bibliography SB series 4553–54
Technicians, Army National Guard programs, job description, pamphlet 5621
see also Missile technicians.
Technology:
Communist China, translations 5169
East European journals, abstracts 5121, 5173–75, 5206–8, 5243, 5275–78, 5308–10, 5350, 5381–84, 5420–21.
East European literature, guide 5646
industrial growth, program for development (address) 4649
industrial, national considerations on development (address) 4651
management challenge of the sixties (address) 4399
new technologies and their promise for life sciences 5678
psychology of man and technical progress, USSR study 5242
readings on application to problems of less-developed nations 5097
relationship to economic growth (remarks) 4647
technical research, USSR achievements under communism, public inspection of plan fulfillment 5281
see also subjects.
Tektites, lunar origin 5584
Telecommunication, agreement with Canada 5729
Telemetry, reactors, in-core instrumentation 4478
Telephone:
domestic communications operating industry, outlook for 1963 and review of 1962 4540
rural, telephone borrowers, statistical report, 1961 5711

Entry

Television, four new dimensions (paper) 4888
Temperature:
elevated, frictional characteristics of alloys and coatings 4496
ground, observations, Fort Yukon, Alaska 4844
high, stress rupture tests on sintered wrought tungsten sheet 5569
see also Heat transfer.
Tennessee, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4569
Tennessee Valley Authority:
audit report 1962 4710
power, municipal and cooperative distributors, report, 1962 5753
Tenney, Ralph F., Losch anthracite stoker performance in building-heating service 5477
Tension, pilots, stress responses 4413
Terapevticheskiy arkhiv (periodical): articles 5135
Terrestrial magnetism:
Coast and Geodetic Survey as central depository of data, bearings 4756
torques produced by magnetic field on rotating cylinders, etc 5613
see also Magnetograms.
Tertiary period, deposits, west-central Oregon, mineral resources study 5015
TEUC, *see* Unemployment insurance.
Texas, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4570
Therapeutics, USSR, articles from therapeutic archives 5135
Thermodynamics:
properties of—
cesium chloride and cesium iodide 5484
yttrium metal and iron pneta-carbonyl at high temperatures 5482
Thermonuclear weapons, *see* Weapons.
Thomas, Harold E., causes of depletion of Pecos River in New Mexico 5037
Thomas, Louis L., application of electric current during zone refining 4424
Thompson, John W., economic evaluation of hide curing methods 4804
Thompson, Robert F., simulated flight investigation of scaled-speed elastic swept-wing bomber, etc 5532
Thompson, Cape, bioenvironmental features of Ogotoruk Creek area, Alaska 4494
Thorsten, Kenneth:
occupational wage survey—
Cleveland, Ohio 5441
Davenport-Rock Island-Moline, Iowa-Ill 5445
Waterloo, Iowa 5447
Three-problem body, celestial mechanics and space flight analysis 5543
Thrust:
and pumping characteristics of ejector-type exhaust nozzles 5516
turbojet, augmentation by combined compressor coolant injection and afterburning 5513
Thulium sesquioxide, high-temperature heat content and entropy 5501

Entry

TIAS series 5728–42
Tires, industry, outlook for 1963 and review of 1962 4533
Titanium:
contracts, stockpile investigation, hearings 4772
electrorefining, electrolytic methods of preparing cell feed 5488
reaction rate of titanium and titanium subchlorides in molten sodium chloride 5489
skin panels, flat and curved, flutter results at supersonic speeds 5595
Titanium chlorides, reaction rate of titanium and titanium subchlorides in molten sodium chloride 5489
TL series 4948
Tobacco, laws, enforced by Alcoholic and Tobacco Tax Division, IRS, guide for law enforcement officers 5051
Todd, Carlos, testimony, hearing 4784
Tolliver, Wayne E., survey of students enrolled for advanced degrees, fall 1961, summary report 4827
Tomatoes, commercial production 4349
Tools, *see* Machine tools.
Topographer's travel notes on southeastern USSR 5184
Tory II–A, *see* Reactors (atomic).
Tourist trade, role of public relations in marketing U.S. as tourist destination (remarks) 5763
Towns, *see* Cities and towns.
Toys, industry, outlook for 1963 and review of 1962 4529
Tracking, international, of space vehicles, 5th anniversary, program 5507
Tractors, USSR industrial development, translations 5190, 5345
Trade, *see* Commerce.
Trade agreements, *see* Commercial treaties.
Trade expansion act of 1962, *see* Commercial treaties.
Trademarks:
code of Federal regulations 4922
publications, price list 5682
regulations of Sweden 5075
Traffic, *see* Air traffic.
Training:
job instruction, supervisor development program, basic course 4445
manpower development and training act, explanation 5428
partial-panel control skills 5658
see also Job analysis—Military education—*also* subjects.
Trajectories:
lunar landing using jet VTOL test vehicle, flight evaluation 5601
lunar origin of tektites 5584
Transfer of heat, *see* Heat transfer.
Transformers, *see* Electric transformers.
Transfusion, dry leucocytic mass in leucopenic conditions, clinical effectiveness, USSR study 5115
Transhydrogenase, activity in acclimatization to high altitude 4410
Transistorized control systems for information storage device using piezoelectric substances, USSR 5211
Transistors:
irradiation effects of 40 and 440 Mev protons 5574
micropower logic circuits 5573
Transplants, *see* Grafting (physiology).
Transport airplanes, *see* Airplanes.

Entry

Transportation:
Communist China, translations 5375
Federal agencies, GAO guidance manuals 4994–95
research program, problems (remarks) 4652
statistics in United States, 1961 5107
Uzbekistan, translation 5215
Transportation maps, *see* Maps and charts.
Transportation of persons, *see* Travel.
Transporters, *see* Cargo carriers.
Travel:
air, Federal Housing Administration personnel, GAO review 5004
foreign visitors to U.S.A. (address) 5762
increase in U.S., role of public relations (remarks) 5763
passenger, between U.S. and foreign countries, 1962 5044
southeastern USSR, topographer's notes 5184
Trawls and trawling, Great Lakes trawler conversion 4957
Treaties:
in force, list 5743
treaties and other international acts series 5728–42
treaties and other international agreements, 1962 5745
Trees, *see* names of trees.
Tremont quadrangle, Pa., geology of rocks of Pennsylvanian age 5013
Treponema pallidum, darkfield microscopy for detection and identification 5683
Trichloroethylene, flammability 5502
Trimpi, Robert L., expansion tube for producing high-enthalpy gas flows 5614
Trinity River:
East Fork, engineer report—
departmental edition 4854
document edition 4681
Trout, Otto F., jr., design, operation, etc., of Langley 11-inch ceramic-heated tunnel 5594
Trout hatchery, description and purpose 4941
Trusts (industrial):
antitrust laws, taxation of dispositions of property pursuant to orders, report 4745
Trusts and trustees, legal investments for trust funds in D.C., list 4800
Truszynski, Gerald M., space communications 5611
Tsunami (tidal wave):
Coast and Geodetic Survey as central depository of data, hearings 4756
Tuberculosis beds in hospitals and sanatoria, index 5698
Tubes:
foods tubed for in-flight feeding 4394
tire and tube industry, outlook for 1963 and review of 1962 4533
Tuna fish, northwestern Atlantic oceanic waters, distribution 4952
Tungsten:
contracts, stockpile investigation, hearings 4772
fused-salt electrolysis, experiments 5481
production, etc., 1962, preliminary report 5504
sintered wrought, properties at very high temperatures 5569
Turbines:
air-turborocket engine performance 5520
high rotor blade suction-surface diffusion, performance at high subsonic Mach number, investigation 5522

Entry

Turbines—Continued
hydraulic parts, stress analysis 5706
steam, USSR industrial development, translations 5353
temperatures and coolant pressure losses for cascade of small air-cooled rotor blades 5528
Turbojet engines, *see* Engines (aircraft).
Turbulence, relationships among coefficients of turbulent moment, heat, and matter transfer in atmosphere 5188
Turkey, disposition of equipment and materials, agreement 5741
Turkeys, national improvement plan hatcheries, dealers, and independent flocks, participants 4339
Turpentine, *see* Naval stores.
Twenter, F. R., geology, etc., Hualapai Indian Reservation 5033

U

U.S.A.P.R.O., *see* Army Personnel Research Office.
U.S.S.R., *see* Union of Soviet Socialist Republics.
Ulbricht, Walter:
report to 6th SED Congress 5216
terror justice, trial of Harry Seidel 5129
Ultrasonics, *see* Sound.
Umstott, Haven D., Redi wheat, new canned cooked bulgar, market position, etc 4359
Un-American Activities Committee, House, hearings 4759
Unangst, John R., effects of sweep and aspect ratio on transonic flutter characteristics of series of thin cantilever wings, etc 5593
Underdeveloped areas:
developed, readings on science and technology 5097
papers prepared for United Nations conference—
health and nutrition 5096
natural resources 5094–95
Unemployed:
accelerated public works program, maximum grants-in-aid for eligible areas, supp 4430
family characteristics of claimants under extended compensation program, 1961–62 4832
manpower development and training act, explanation 5428
neighborhoods 5453–57
statistics, meaning and measurement, special report 4506
Unemployment, *see* Unemployed.
Unemployment compensation, *see* Unemployment insurance.
Unemployment insurance, temporary extended unemployment compensation act of 1961, family characteristics study 4832
UNESCO, *see* United Nations Educational, Scientific, and Cultural Organization.
Union of Soviet Socialist Republics:
Academy of Sciences—
articles from reports 5134
Department of Chemical Sciences, general meeting 5162
agricultural planning 5218
astronomical reports 5247
boarding schools, educational work 5116
chemistry translations, nonferrous metallurgy 5195
communications 5331
consumer goods and domestic trade 5258
critique of Christian, Jewish and Moslem scriptures 5425

Entry

Union of Soviet Socialist Republics—Continued
economic offensive in Western Europe, special study mission, report 4749
economic system, structure and policy 5161, 5217, 5260, 5271, 5295, 5317, 5359.
education of younger generation and CPSU program, USSR study 5119
electric power—
recent developments, U.S. delegation tour report 5048
translations 5263
great medical encyclopedia, selections 5168
helicopters, news 5212
industrial development—
chemical industry 5198, 5262
chemical machine building 5155
electrical equipment 5179
ferrous metallurgy 5304, 5349
nonferrous metallurgy 5158, 5200, 5202, 5367
power machinery 5353
tractors and agricultural machinery 5190, 5345
labor, translations 5172, 5297
laws on selecting labor by competitive methods 5191
legal measures on personnel administration 5185
military translations, militia, materials 5130
newspapers in Library of Congress 5465
northwest geographic characteristics, etc., Air Force pamphlet 4387
organization of medical treatment for injuries 6194
planned expenditures for research institutions 5157
powder metallurgy, Soviet studies 5373
religion 5236, 5336
rhenium in powder metallurgy 5404
science, present tasks confronting 5269
scientific activities 5259
scientific and medical education in 1962, development 5399
scientific and technical research and achievements under Communism, public inspection of plan fulfillment 5281
Sino-Soviet dispute 4435
southeastern, topographer's travel notes 5184
veterinarians, conferences 5392
Unions, *see* Fishermen's and fish shore workers' unions.
United Nations:
conference on law of the sea, convention on high seas, adopted 5728
Food and Agriculture Organization, constitution, amendments and text 5739
new materials useful in teaching, bibliography 4813
United Nations Conference on Application of Science and Technology for Benefit of Less Developed Areas:
readings on development, list 5097
United States Papers 5094–96
United Nations Education, Scientific, and Cultural Organization, UNESCO in news 5744
United States:
NOTE.—For all subjects pertaining to the United States, except its government, general history, and description, *see* such subjects.

Entry

United States coast pilots, *see* Coast pilots.
United States Military Advisory group to Republic of Korea, KMAG in peace and war, history 5468
United States National Commission for UNESCO, UNECSO in news 5744
Unlading and lading, steel products, recommendation of trade, amendment 4557
Uranium:
catalysts for destruction of air pollutants in automobile exhaust, development 4490
industry and its potential market (remarks) 4501
minerals, evaluating discordant lead-isotope ages 5022
recovery, metallic reactions 4484
Uranium, compatibility with 5 refractory materials 5572
oxidation, USSR study 5285
Urban areas, *see* Cities and towns.
Urinary organs, intestinal transplants incorporated in bladder, physiological and histochemical study of adaptation, USSR 5235
USAAA, *see* Army Audit Agency.
USAPRO, *see* Army Personnel Research Office.
Useller, James W., combined compressor coolant injection and afterburning for turbojet thrust augmentation 5513
USSR, *see* Union of Soviet Socialist Republics.
Utah:
annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571
beryllium ore, recovery fluosilicate process 5483
Utah Valley, southern, geology 5019
Utah Valley, southern, geology 5019
Utica, N.Y., water resources of area 5030
Utilities, *see* Electric utilities.
Uzbek Soviet Socialist Republic, transportation, translation 5215
Uzbekistan, *see* Uzbek Soviet Socialist Republic.

V

Vakhsh River and Valley, hydroelectric stations, installation, USSR study 5333
Van Dolah, Robert W., review of fire and explosion hazards of flight vehicle combustibles 5470
Van Engel, W. A., blue crab and its fishery in Chesapeake Bay, pt. 2, types of gear, etc 4945
Vargo, Donald J., effects of secondary-air flow on annular base force of supersonic airplane 5515
Variability (psychology):
factor analysis functions in statistical analysis of multiple time series 4419
Vaux, Walter G., interchange of stream and intragravel water in salmon spawning riffle 4969
Vegetables, canning industry, outlook for 1963 and review of 1962 4514
see also names of vegetables.
Vehicles, children's industry, outlook for 1963 and review of 1962 4529
see also Spacecraft.
Veins, *see* Blood vessels.

Entry

Ventilation, normal and blocked middle ear 4469
Venus (planet):
natural and induced environments encountered in interplanetary space and methods of simulation, investigation 4392
Verdigris River:
flood control, engineer report—
departmental edition 4872
document edition 4682
Veterans, deceased, burial expenses, pay when discharges changed from dishonorable, amend U.S. code, report 4731
see also Pensions.
Veterans Administration:
drug policies, interagency coordination, hearings 4781
employees, quarters, housekeeping, Los Angeles, renovation, GAO review 5007
Veterans' Affairs Committee, House, reports 4730–32
Veterinarians:
Agricultural Research Service, opportunities 4364–65
Soviet, conferences 5392
Veterinary medicine:
Bulgaria, reorganization of service 5192
opportunities for doctors in ARS 4364–65
Vertical coordination in agriculture 4801
Vibrations:
from instantaneous and millisecond-delayed quarry blasts 5479
lateral, characteristics of model of Saturn SA-1, investigation 5592
Vietnam:
North—
economy, translations 5159, 5170, 5296, 5335
periodical, translations 5183
political and sociological information, translations 5322
pocket guide 4436
preparing shipments to 5066
Vinyl-coated glass fiber insect screening and louver cloth, recorded voluntary standard of trade 4513
Virginia:
annual survey of manufacturers, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
Federal-aid highway program, GAO review 5008
saprolite and unweathered diorite ores, flotation of ilmenite 5498
Visual perception, *see* Perception.
Visual study of 2-phase flow in vertical tube with heat addition 5586
Voice, aphonia, compensations for veterans report 4732
Voice of America, doubles its power, new Greenville complex 5761
Voltages, magnetic core voltage-to-frequency converter 5606
Volume and yield tables, aerial volume tables for pinyon-juniper stands 4983
Voluntary foreign relief programs, activities of registered American voluntary agencies 5098
Vosteen, Louis F., supersonic jet tests of missile stabilizer 5560
VTOL, *see* Aircraft—Airplanes.

W

W.A.D.D., *see* Wright Air Development Division.
Wage and Hour and Public Contracts Divisions, industry pamphlet 5766
Wage-hour act, *see* Labor standards.

677108 O—63—No. 818——11

Entry

Wage-hour law in small firms 5718
Wages:
automotive parts wholesaling, Federal wage-hour law application 5766
Davis-Bacon act, administration, hearings and appendix 4753
District of Columbia, selected industries, 1962 5452
industry survey, hosiery—
departmental edition 5448
document edition 4704
occupational survey—
Boston, Mass.—
departmental edition 5442
document edition 4698
Cleveland, Ohio—
departmental edition 5441
document edition 4697
Davenport-Rock Island-Moline, Iowa-Ill.—
departmental edition 5445
document edition 4701
Omaha, Nebr.-Iowa—
departmental edition 5440
document edition 4696
Richmond, Va.—
departmental edition 5446
document edition 4702
St. Louis, Mo.-Ill.—
departmental edition 5444
document edition 4700
San Bernardino-Riverside-Ontario, Calif.—
departmental edition 5438
document edition 4694
Washington, D.C.-Md.-Va.—
departmental edition 5443
document edition 4699
Waterloo, Iowa—
departmental edition 5447
document edition 4703
Wichita, Kans.—
departmental edition 5439
document edition 4695
Wahlberg, J. S., adsorption of cesium on clay minerals 5017
Wallach, Hans, effect of learning on visual perception of depth 5657
War, against growing threat of thermonuclear war, USSR study 5238
Warehouses, operations under 1959 and 1960 cotton purchase programs, Commodity Credit Corporation, GAO review 5010
Washington, D.C., *see* District of Columbia.
Washington, Fort, general information 5637
Water:
chemistry of strontium in natural water (series) 5029
conservation, research in Great Plains States 4366
ground water—
coastal dune area near Florence, Oreg 5031
general techniques (series) 5032
resources of Bryce Canyon National Park area, Utah 5027
west-side business district of Portland, Oreg., problems of utilizing 5038
occurrence and distribution of strontium 5029
papers prepared for United Nations Conference 5094
resources, Red River Parish, La 5036
saline—
conversion demonstration plant, Webster, S. Dak 5049
research and development progress, report 5050
resources, New Mexico 5035

Entry

Water—Continued
stream-intragravel interchange in salmon spawning riffle 4969
see also headings beginning Water.
Water birds:
population trends, hearings 4757
waterfowl status report, 1962 4971
Water supply:
ground water—
coastal dune area near Florence, Oreg 5031
development effects on depletion of Pecos River 5037
Elizabethton, Johnson City area, Tenn 5025
Hualapai Indian Reservation, development 5033
resources—
Bryce Canyon National Park Area, Utah 5027
Winkler County, Tex 5034
west-side business district of Portland, Oreg., problems of utilizing 5038
Indian reservations (series) 5033
intergovernmental responsibilities in metropolitan areas 4327
municipal water facilities, communities of 25,000 population and over, statistical summary, 1960 5697
resources—
industrial areas (series) 5030
Utica-Rome area, N.Y 5030
saline conversion demonstration plant, Webster, S. Dak 5049
tamarisk removal reduces water-table fluctuations in central Arizona 4988
water supply paper 5025–38
Waterborne commerce, *see* Commerce.
Waterfowl, *see* Water birds.
Waterloo, Iowa:
occupational wage survey—
departmental edition 5447
document edition 4703
Watersheds, *see* names of rivers, etc.
Waterways, permits for work in navigable waters 4867
Waterways Experiment Station, technical reports 4874–75
Watt, Lois B., United Nations, Educational Materials Laboratory report 4813
Waves, wave action and breakwater location, Superior entry, Duluth-Superior Harbor, Superior, Wis., hydraulic model tests 4874
Way to job in Government 4629
Ways and Means Committee, House:
hearings 4761
reports 4739–48, 4750
Weapons:
nuclear—
risk and security (address) 4441
test ban, negotiations renewed at Geneva disarmament conference 4777
thermonuclear, against growing threat of war, USSR study 5238
Weather, *see* Meteorology.
Weather Bureau:
circulars 5769
technical paper 5771
Weather forecasts, coastal storm warning facilities chart, Morgan City, La. to Apalachicola, Fla., 1963 5770
Weather stations, agreement with Dominican Republic 5730
Weaver, Robert C., lecture, Feb. 8, 1963 5042

Entry

Webbert, Virginia, licensing and exchange controls of Indonesia 5076
Webster, S. Dak., saline water conversion demonstration plant 5049
Weevils, boll weevil, control, community effort 4338
Weightlessness, effect of surface energy on liquid-vapor interface configuration 5590
Weights and measures, net-weight determinations for frozen glazed halibut steaks, accuracy and simplification of method 4947
Welbourne, Jerry L., suitability of tubed foods for in-flight feeding 4394
Welfare funds, welfare and pension plans disclosure act, amendments 1962, legislative history 5723
Welfare work, *see* Social work and problems.
Well drilling, test, Bryce Canyon National Park 5027
Welty, James R., thermodynamic properties of yttrium metal, etc 5482
West Indies, lights and fog signals, list 5651
West South Central States, *see* Central States.
West Virginia, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4568
Western Europe, *see* Europe.
Whale, H. A., impedance of electrically short antenna in ionosphere 5581
Wheat:
  new programs, to achieve balance between production and demand, message from the President 4721
  quality, sedimentation measure, 1962 crop 4363
  Redi wheat, new canned cooked bulgur, market position, etc., in Wichita, Kans 4359
  U.S. exports under Government programs, 1961–62 4977
Wheatgrasses, crested, lambing range, activities of sheep 4985
Whiskey, bourbon, designate as distinctive product of U.S., report 4748
Whistler Peacock Room in Freer Gallery of Art, description 4993
White, Jack A., deadband about desired perigee of space vehicle approaching earth 5597
White, Leslie A., Pueblo of Sia, N. Mex 4428
Whitman, Merrill J., advanced nuclear rocket materials research 4491
Whittemore, Hiram D., mechanical harvesting and ribboning of ramie fiber 4373
Whitton, Rex M., remarks, Jan. 23, 1963 5700
Wholesale trade, automotive parts, Federal wage-hour law application 5766
Wichita, Kans.:
  occupational wage survey—
    departmental edition 5439
    document edition 4695
  Redi wheat, new canned cooked bulgur, market position and consumer acceptance 4359
Wichita Mountains Wildlife Refuge, mammals 4965
Wight, Howard M., mourning dove status report, 1962 4972

Entry

Wild animals, *see* Animals.
Wild birds, *see* Birds.
Wilder, Charles S., persons injured while at work, United States, July 1959–June 1961, etc 5688
Wildlife:
  code of Federal regulations 4925
  miscellaneous legislation, 1962, hearings 4757
  special scientific reports, wildlife series 4971–72
  wildlife leaflets 4973–74
Wildlife refuges:
  national, directory 4974
  refuge leaflets 4958–68
  see also names of refuges.
Wilken, A. A., jr.:
  investment law of Republic of Congo (Brazzaville) 5062
  investment law of Republic of Gabon 5065
Williams, Harold W., remarks, Nov. 29, 1962 4432
Wilson, H. B., wave action and breakwater location, Superior entry, Duluth-Superior Harbor, Superior, Wis 4874
Winans, J. Gibson, college physics I, USAFI study guide 4793
Windbreaks, Nebraska, growth curves for ponderosa pine 4989
Winds:
  continuous sinusoidal gusts, calculation of unsteady aerodynamic forces due to 5575
  monthly and annual distributions as function of altitude, Santa Monica, Calif 5588
Wine, insecticide residues in, studies 4337
Wing-fuselage combinations, *see* Airplanes.
Wings (aircraft):
  cantilever, flutter characteristic at transonic speeds, effects of sweep and aspect ratio 5593
  complete, lateral control and dihedral effect with variable-incidence triangular wing and wing-tip ailerons at Mach number of 1.52 5509
  effects of vertical location on stability and control of canard airplane configuration 5556
  unsteady aerodynamic forces due to continuous sinusoidal gusts, application of numerical technique to lifting-surface-theory for calculation 5575
Winkler County, Tex., geology and ground water resources 5034
Wire, aluminum-coated, reinforcement for concrete mattresses 4875
Wire tapping, legislation, Attorney General's program, 1962 hearings 4788
Wirtz, W. Willard:
  addresses—
    Feb. 1, 1963 5427
    Feb. 8, 1963 5426
Wisconsin, annual survey of manufactures, 1961, standard metropolitan statistical areas and large industrial counties, statistics 4566
Wise, Harold E., major principles of physics, chemistry, and geology of importance for general education 4826
Wiskoff, Martin F., selection of antitank missile gunners, status report, June 30, 1962 4467
Withlacoochee River:
  flood control, etc., engineer report—
    departmental edition 4856
    document edition 4689

Entry

Wolle, William D., economy of Saudi Arabia, basic data 5068
Women:
careers in retailing 5772
workers—
Georgia, 1960 5773
Iowa, 1960 5774
Massachusetts, 1960 5775
Nebraska, 1960 5776
Women's Bureau, bulletin 5772
Wong, M. M., electrolytic methods of preparing cell feed for electrorefining titanium 5488
Wood, Gordon H., jr., geology of rocks of Pennsylvanian age, Tremont quadrangle, Pa 5013
Wood pulp, industry opportunities in western Colorado 4992
Wool, consumption on woolen and worsted systems, summary, 1961, current industrial report 4580
Woolson, John R., seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska 5020
Work injuries, *see* Injuries.
Workers, *see* Labor—Women—Youth.
Working women, *see* Women.
Workmanship and design practices for electronic equipment 5660
World Food Forum, proceedings 4378
World trade, *see* Commerce.
World War, 1939–45, PT boat operations in U.S. Navy, at close quarters 5653
Worsted, systems, consumption, summary, 1961, current industrial reports 4580
Wright, Irene V., patent and trademark regulations of Sweden 5075
Wright Air Development Division, technical report 4424
Wrigley quadrangle, Ky., geology and refractory clay deposits 5016
Wyoming, annual survey of manufactures, 1961, standard metropolitan statistical areas, and large industrial counties, statistics 4571

X

X-15 research airplane 5616
Xenon, atmospheric xenon origin 5607

Y

Entry

Yangtze River, flood control, Ching Chiang flood dispersion, Communist China 5316
Yasaki, Paul T., experimental investigation of 0.35 hub-tip radius ratio transonic axial flow rotor, etc 5559
Yearbooks, Navajo Indians, 1951–61, decade of progress 5046
Young, Robert W., Navajo yearbook, 1951–61, decade of progress 5046
Youth:
counseling and employment service 4833
creating experience opportunities, conference report 4596
employment—
education, physical fitness programs, message from the President 4278
job guide for young workers 4835
list of publications 5434
farmwork, safety, and you, discussion for youth leaders, teachers, etc 5433
Indian, higher education aids 5045
Youth and Children, Joint Conference on, *see* Joint Conference on Children and Youth.
Ytterbium, sesquioxide, high-temperature heat content and entropy 5501
Yttrium, thermodynamic properties at high temperatures 5482
Yugoslavia:
agricultural commodities, agreement 5735
legal journals, abstracts 5138

Z

Z-function solutions for motion and heating during atmosphere entry from equatorial orbits of rotating planet 5583
Zeeman phenomenon and magnetic resonance, USSR 5280
Zeleny, Lawrence, sedimentation as measure of wheat quality, 1962 crop 4363
Zimmerman, James H., college biology 1, study guide, etc 4792
Zinc, primary, industry, outlook for 1963 and review of 1962 4536
Zone refining, electric current application 4424
Zoologicheskiy Zhurnal (periodical): translations 5401
Zoology, USSR, translations from zoologicheskiy zhurnal 5401

U. S. GOVERNMENT PRINTING OFFICE : 1963 O - 677108

Order Blank

To Superintendent of Documents,
Government Printing Office,
Washington 25, D. C.

Date ....., 19.....

Your name .....

Street address .....

City, Zone No., and State .....

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order *only* publications indicated by a star (*) preceding the list price.

For Use of Supt. of Docs.

..... Enclosed .....

..... To be mailed later .....

..... Subscriptions .....

Refund .....

Coupon refund .....

Postage .....

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT	
			Total, $	

For additional space use other side.

For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U. S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300
(GPO)

Your Name .....

Street Address .....

City, Zone No., and State .....

Additional space for your order

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT

Do not write in space below Total, $

Order Blank

To Superintendent of Documents,
Government Printing Office,
Washington 25, D. C.

Date ....., 19.....

Your name .....

Street address .....

City, Zone No., and State .....

Catalog number is shown at right-hand end of last line of entry in Monthly Catalog. Order *only* publications indicated by a star (*) preceding the list price.

For Use of Supt. of Docs.

..... Enclosed .....

..... To be mailed later .....

..... Subscriptions .....

Refund .....

Coupon refund .....

Postage .....

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT	
			Total, $.....	

For additional space use other side.

For PROMPT, ACCURATE SHIPMENT please fill in the following label—Please PRINT or typewrite.

U. S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

RETURN AFTER FIVE DAYS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300
(GPO)

Your Name .....

Street Address .....

City, Zone No., and State .....

Additional space for your order

CATALOG No.	QUANTITY DESIRED	TITLE OF PUBLICATION	AMOUNT	

Do not write in space below

Total, $